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61ST CONGRESS : : 3D SESSION

DECEMBER 5, 1910-MARCH 4, 1911

# SENATE DOCUMENTS

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VOL. 46

WASHINGTON : : GOVERNMENT PRINTING OFFICE : : 1911

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STATEMENT OF EXPENDITURES  
OF THE  
DEPARTMENT OF AGRICULTURE  
FOR THE FISCAL YEAR  
ENDED JUNE 30  
1910

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PREPARED UNDER THE DIRECTION OF THE SECRETARY OF AGRICULTURE

By A. ZAPPONE

CHIEF OF THE DIVISION OF ACCOUNTS AND DISBURSEMENTS

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DECEMBER 7, 1910.—Referred to the Committee on Agriculture and  
Forestry and ordered to be printed

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WASHINGTON  
GOVERNMENT PRINTING OFFICE

1911



351014

DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., December 5, 1910.*

SIR: As required by act of March 3, 1885 (23 Stat. L., 356), I have the honor to transmit herewith a detailed statement of the expenditures of the Department of Agriculture for the fiscal year ended June 30, 1910.

A copy of this report has also been transmitted to the Speaker of the House of Representatives.

Very respectfully,

JAMES WILSON,  
*Secretary.*

The PRESIDENT OF THE SENATE.



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# EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## OFFICE OF THE SECRETARY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Office of the Secretary, 1910, \$174,570."*

### STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wilson, James.....	Secretary of Agriculture, at \$12,000.....	\$12,000.00	\$648.60
Hays, W. M.....	Assistant Secretary of Agriculture, at \$5,000.....	5,000.00	707.28
McCabe, Geo. P.....	Solicitor, at \$4,500.....	4,500.00	919.08
Burch, S. R.....	Chief clerk, at \$2,500, and \$500 additional as custodian of buildings.....	3,000.00	.....
Wilson, Jasper.....	Private secretary to Secretary of Agriculture, at \$2,500.....	2,500.00	227.56
Reese, R. M.....	Stenographer and executive clerk to Secretary of Agriculture, at \$2,250.....	2,250.00	.....
Hays, Marion.....	Private secretary to Assistant Secretary, at \$1,600.....	40.00	.....
Knorr, Geo. W.....		1,200.00	6.35
Ladd, S. M.....	Stenographer to Assistant Secretary, at \$1,400.....	48.89	.....
Reynolds, F. A.....		1,400.00	.....
Bennett, J. B.....	Appointment clerk, at \$2,000.....	2,000.00	.....
Lower, C. B.....	Chief, Supply Division, at \$2,000.....	2,000.00	.....
Ashley, Alex. McC.....	Inspector, at \$2,500.....	2,500.00	2.00
Boyle, C. W.....	Law clerk, at \$2,000.....	2,000.00	62.73
Fegan, H. J.....	.....do.....	827.78	396.55
Williams, R. W., jr.....	.....do.....	1,172.22	25.95
Cronin, P. D.....	Law clerk, at \$1,600.....	937.77	.....
McConville, A. H.....		662.23	.....
Gates, O. H.....	.....do.....	937.77	.....
Lethert, C. A.....	.....do.....	586.67	.....
Jones, W. P.....	.....do.....	1,600.00	209.91
Guthridge, A. G.....	Telegraph and telephone operator, at \$1,400.....	1,400.00	.....
Connor, George W.....	Telegraph and telephone operator, at \$1,200.....	300.00	.....
Fegan, H. J.....	Clerk, class 4.....	1,055.00	.....
Gates, O. H.....		745.00	.....
Roberts, R. W.....	.....do.....	1,800.00	.....
Goding, Harry.....	Clerk, class 3.....	800.00	.....
Haley, Joseph.....		800.00	.....
Kelsey, F. G.....	.....do.....	1,600.00	.....
Pennybacker, I. S.....	.....do.....	1,600.00	.....
Burr, M. Helen.....	Clerk, class 2.....	1,400.00	.....
Daly, H. J.....		1,147.22	66.35
Stone, Israel W.....	.....do.....	116.66	.....
Gorman, M. J.....	.....do.....	1,400.00	.....
Green, L. H.....	.....do.....	700.00	.....
Haley, Joseph.....		700.00	.....
Griffith, T. E.....	.....do.....	1,400.00	.....
Hiatt, F. H.....	.....do.....	1,400.00	.....
Bollinger, Lewis.....	Clerk, class 1.....	1,200.00	.....
Clark, C. B.....		1,200.00	.....
Gladmon, P. L.....	.....do.....	600.00	.....
Green, L. H.....	.....do.....	600.00	.....
Harrison, F. R.....	.....do.....	1,200.00	.....
Knott, Laura R.....	.....do.....	200.00	.....
Pelton, Emma R.....	.....do.....	1,000.00	.....
Monarch, J. L.....	.....do.....	1,200.00	.....
Ray, T. J.....	.....do.....	1,200.00	.....
Timberlake, W. F.....	.....do.....	1,200.00	.....
Wasner, W. H.....	.....do.....	1,200.00	.....
Arnold, Mabel.....	Clerk, at \$1,000.....	1,000.00	.....
Boree, B. C.....		166.67	.....
Daniels, M. R.....	.....do.....	833.33	.....

## OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Office of the Secretary, 1910, \$174,570"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Evans, J. P.	Clerk, at \$1,000	\$1,000.00	
Gladmon, P. L.	do	500.00	
Hicks, Jennie M.	do	500.00	
Hager, Peter	do	833.34	
Polton, Emma R.	do	166.66	
Hines, P. A.	do	1,000.00	
Imhoff, Lillie V.	do	1,000.00	
Boree, B. C.	do	750.00	
Priest, J. G.	Clerk, at \$900	75.00	
Richards, W. H.	do	75.00	
Breeding, Louise	do	900.00	
Echtermann, A. M.	do	900.00	
Lynch, John T.	do	837.50	
Brooks, A. H.	Clerk, messenger, or skilled laborer, at \$840	840.00	
Dixon, W. D.	do	410.67	
Hicks, Jennie M.	do	361.67	
McNaught, Arch., jr.	do	58.33	
Elmore, A. L.	do	840.00	
Gaskins, John H.	do	840.00	
Hager, Peter	do	140.00	
Johnson, Victorine E.	do	700.00	
Mason, J. A.	do	840.00	
Skidmore, J. F.	do	840.00	
Thorpe, J. A.	do	840.00	
Williams, Jos.	do	821.34	
Young, J. W.	do	814.33	
Cookman, Benjamin C.	Clerk or laborer, at \$720	180.00	
Walsh, H. A.	do	466.00	
Dixon, W. D.	do	368.00	
Grau, E. G.	do	352.00	
Jauch, Daniel	do	720.00	
Joyce, J. V.	do	720.00	
King, E. C.	do	720.00	
Rapier, J. H.	do	720.00	
Rouser, C. E.	do	720.00	
Watskey, Jake	do	720.00	
Jones, Lewis	Chief engineer, at \$1,600	1,600.00	\$73.89
Corwin, S. W.	Assistant engineer, at \$1,400	1,400.00	32.25
McGregor, J. M.	Assistant engineer, at \$1,000	1,000.00	
Troy, J. D.	do	1,000.00	
Kirksey, William	Fireman, at \$720	158.00	
Moffitt, A. W.	do	562.00	
Ross, W. H.	do	720.00	
Tavener, P. R.	do	720.00	
Williams, J. S.	do	720.00	
Grant, C. C.	Elevator conductor, at \$720	574.00	
Lang, Henry E.	do	132.00	
Haardt, H. F.	do	120.00	
Wycks, Daniel L.	do	560.00	
Newman, H. M.	do	720.00	
Ware, Alonzo	Elevator conductor, at \$720	720.00	
Eaton, L. F.	Construction inspector, at \$1,200	1,200.00	
Halley, James	Cabinetmaker, at \$1,100	1,100.00	
Blair, S. C.	Carpenter, at \$1,000	1,000.00	
Augusterfer, Raymond	Electrician, at \$1,000	336.11	103.25
O'Shea, Alexander	do	622.23	
Cox, G. E.	Electrical wireman, at \$900	900.00	
Carter, G. A.	Painter, at \$900	900.00	
Smith, A. J.	Painter, at \$720	719.00	
Kerr, J. K., jr.	Plumber, at \$900	900.00	
Weidman, C. S.	Blacksmith, at \$840	840.00	
Cooke, R. H.	Lieutenant of the watch, at \$1,000	1,000.00	
Arnold, R. H.	Watchman, at \$720	720.00	
Bean, Clarence	do	720.00	
Boardman, J. M.	do	720.00	
Byrnes, D. J.	do	592.00	
McDonald, Joseph	do	60.00	
Woodward, Otho J.	do	60.00	
Carter, W. H.	do	720.00	
Cassell, A. C.	do	720.00	
Croghan, C. J.	do	720.00	



## OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Office of the Secretary, 1910, \$174,570"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Disney, R. H.	Watchman, at \$720.	\$376.00	
Kelley, M. C.	do.	330.00	
Fairfax, Thad.	do.	720.00	
Garrett, C. W.	do.	720.00	
Gordon, J. H.	do.	720.00	
Graser, S. O.	do.	720.00	
Groesbeck, D. V. H.	do.	720.00	
Hall, G. L.	do.	720.00	
Hodges, A. J.	do.	720.00	
Kite, A. H.	do.	600.00	
McMahan, G. A.	do.	120.00	
McDonald, Joseph	do.	54.00	
Moor, Wm. H.	do.	658.00	
Morton, E. C.	do.	720.00	
Mott, H. S.	do.	720.00	
Perry, O. K.	do.	720.00	
Phipps, W. H.	do.	720.00	
Rutledge, Thos.	do.	720.00	
Ryon, M. F.	do.	720.00	
Scanlon, Patrick	do.	720.00	
Sprague, Frank	do.	720.00	
Thompson, J. H.	do.	720.00	
Kendrick, H. M.	Mechanic, at \$1,200.	1,200.00	
Harrison, M. L.	Mechanic, at \$1,100.	1,100.00	
Harvey, C. D.	do.	1,100.00	
Bennett, A. L.	Assistant messenger or skilled laborer, at \$720.	36.00	
Priest, J. G.	do.	600.00	
Dahler, A. L.	do.	720.00	
Fagan, G. M.	do.	420.00	
Schwab, A. R.	do.	300.00	
Hoffman, G. L.	do.	522.00	
Moise, D. O.	do.	144.00	
Morgan, R. H.	do.	720.00	
Richards, W. H.	do.	660.00	
Rutledge, H. W.	do.	36.00	
Bennett, A. L.	Assistant messenger or skilled laborer, at \$600.	126.67	
Wilson, Myron W.	do.	365.00	
Brooks, C. H.	do.	600.00	
Davis, R. N.	do.	225.00	
Jones, R. S.	do.	15.00	
Schwab, A. R.	do.	350.00	
Disney, R. H.	do.	286.67	
Phillips, O. A.	do.	293.33	
Fairfax, Lucie E.	do.	260.00	
Grau, E. G.	do.	306.67	
Truxell, J. M.	do.	600.00	
Barnes, C. L.	Laborer, at \$600.	600.00	
Burton, John	do.	600.00	
Fitzhugh, W. H.	do.	600.00	
Gscheidle, W. L.	do.	175.00	
Phillips, O. A.	do.	100.00	
Phillips, Wm. L.	do.	250.00	
Hill, William	do.	600.00	
Hiltz, Walter I.	do.	456.67	
Slaughter, N. H.	do.	113.33	
Syphax, C.	do.	600.00	
Anthony, Maria	Laborer, at \$480.	480.00	
Barrett, Martha	do.	480.00	
Bundy, E. W.	do.	366.67	
Smith, Enos B.	do.	106.67	
Butler, C. J.	do.	480.00	
Chapman, J. E.	do.	480.00	
Cook, Ida A.	do.	480.00	
Cross, M. C.	do.	480.00	
Kelly, Mary	do.	21.33	
Kenner, Hiram	do.	310.67	
Smith, D. R.	do.	40.00	
Watson, Charles	do.	68.00	
Marshall, Luler	do.	480.00	
Meek, Belle	do.	480.00	
Myers, S. E.	do.	480.00	

## OFFICE OF THE SECRETARY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Office of the Secretary, 1910, \$174,570"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
O'Rourke, Estelle L.	Laborer, at \$480.	\$480.00	
Perkins, Virginia.	do.	480.00	
Sontag, K. E.	do.	480.00	
Stewart, W. H.	do.	480.00	
Toulson, C. H.	do.	480.00	
Gilmore, John P.	Messenger boy, at \$480.	54.67	
Oakley, Jas. F.		398.66	
Williams, Max.		20.00	
Boss, Martha.	Charwoman, at \$540.	540.00	
Bryant, Addie B.	Charwoman, at \$240.	240.00	
DeAtley, Phebe.	do.	235.99	
Lawson, Henrietta V.	do.	240.00	
Shannon, Clara.	do.	240.00	
Webster, Rosa E.	do.	240.00	
<i>Extra laborers and emergency employments, \$7,600.</i>			
Fisher, Gertrude.	Clerk, at \$1,200.	98.33	
Kebesky, Ben.	Stenographer and typewriter, at \$1,200.	98.32	
O'Neil, Frank.	do.	98.33	
Sands, Maurice E.	do.	100.00	
Oyster, F. E.	Draftsman, at \$1,200.	190.00	
Condron, Gertrude C.	Clerk, stenographer, and typewriter, at \$1,000.	188.89	
Hoffman, George L.	Minor clerk, at \$900.	22.50	
Callow, Robt. R.	Plumber, at \$4 per diem.	258.00	
Moriarity, J. D.	do.	82.00	
Bugbee, James H.	Plumber's helper, at \$600.	150.00	
Dwyer, Laurence F.	do.	15.00	
Madigan, Thomas.	Plumber's helper, at \$50 per month.	200.00	
Grass, W. F.	Cabinetmaker, at \$3.50 per diem.	952.00	
Kesler, William T.	Cabinetmaker, at \$1,080.	360.00	
Tronsue, Elisha D.	Carpenter, at \$3.50 per diem.	796.25	
Hollidge, Alfred H.	Carpenter, at \$960.	320.00	
Cockrille, Herbert P.	Carriage painter, at \$840.	201.83	
Corrison, John S.	Skilled laborer, at \$840.	28.00	
Connell, John.	Blacksmith's helper, at \$2 per diem.	26.00	
Gscheldt, Wm. L.	do.	26.00	
Homan, Aquilla C.	Painter, at \$3.50 per diem and \$900 per annum.	860.00	
Phillips, Oscar A.	Painter, at \$40 per month.	120.00	
McDonald, Joseph.	Watchman, at \$720.	28.00	
Moss, Nathaniel.	Unskilled laborer, at \$2 per diem.	24.00	
Quisendury, Lloyd.	do.	24.00	
Robinson, Lex.	do.	24.00	
Willis, N.	do.	24.00	
Kenner, Hiram.	Unskilled laborer, at \$1.50 per diem.	79.50	
Landon, Edward.	do.	232.50	
Pleasant, Samuel.	do.	409.50	
Scott, P. P.	do.	81.00	
Smith, Enos B.	do.	52.50	
Watson, Charles.	do.	15.75	
Bell, Ulysses G.	Skilled laborer, at \$1.50 per diem.	112.50	
Brown, Robert A.	do.	118.50	
Coates, Raymond.	do.	117.00	
Harrover, W. J.	do.	115.50	
Shaver, D. V.	do.	117.00	
Cruse, Isaac.	Laborer, at \$1.50 per diem.	105.00	
Kelly, Mary.	Laborer, at \$480.	368.00	
Allen, Victoria E.	Charwoman, at \$240.	16.67	
Franklin, Julia R.	do.	28.00	
Morse, Mary E.	do.	16.67	
Total amount paid for salaries under above appropriation		172,033.43	

Total amount of above appropriation	\$174,570.00
Total amount paid for salaries	172,033.43

Unexpended balance.	2,536.57
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## WEATHER BUREAU.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Office of Chief of Weather Bureau, 1910, \$205,310."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Moore, Willis L.	Chief of Bureau, at \$6,000	\$6,000.00	\$314.55
Williams, H. E.	Assistant Chief of Bureau, at \$3,000	3,000.00	
Carroll, D. J.	Chief clerk, at \$2,250	2,250.00	15.15
Church, John P.	Chief of division, at \$2,000	2,000.00	2.60
Helskell, Henry L.	do.	2,000.00	167.55
Robinson, J. H.	do.	2,000.00	
Seyboth, Robert	do.	2,000.00	
Talman, Charles F.	Librarian, at \$2,000	2,000.00	36.00
Ashton, John C.	Clerk, class 4	1,800.00	
Day, Preston C.	do.	1,800.00	
Hunt, George E.	do.	1,800.00	19.35
Jones, J. H.	do.	1,800.00	
Maring, D. T.	do.	1,800.00	3.80
Moore, Theodore T.	do.	1,800.00	
Stewart, John C.	do.	1,800.00	
Bennett, M. C.	Clerk, class 3	1,600.00	
Beuter, Sophia A.	do.	1,600.00	5.00
Blundon, Benjamin A.	do.	1,600.00	
Easton, Edward C.	do.	1,600.00	
Foy, John T.	do.	1,600.00	
Pugh, T. O.	do.	1,600.00	
Smith, G. W.	do.	1,600.00	
Abbe, Cleveland, jr.	Clerk, class 2	1,400.00	
Beall, S. W.	do.	1,400.00	
Berry, William	do.	1,400.00	
Donaldson, William E.	do.	1,400.00	
Gardiner, I. Gwynn	do.	1,400.00	
Geddings, Richard M.	do.	1,400.00	
Goucher, Henry	do.	1,400.00	
Holmes, Charles	do.	1,400.00	
Johnson, Enoch G.	do.	1,400.00	
Kinnear, Aaron H.	do.	1,400.00	
Marean, Delzene	do.	1,400.00	
Monroe, Joseph U.	do.	1,400.00	
Porter, W. D.	do.	1,400.00	
Potter, S. A.	do.	1,400.00	
Smith, H. W.	do.	1,400.00	
Tingley, Franklin G.	do.	1,400.00	
Volker, Hermann	do.	1,400.00	
Young, Frederic A.	do.	1,400.00	
Amer, Harry L.	Clerk, class 1	1,200.00	
Ashton, Clinton J.	do.	1,200.00	
Bigham, C. Grant	do.	1,200.00	
Chapman, Mattie H.	do.	1,200.00	
Cleveland, Luman M.	do.	1,200.00	
Cook, James R.	do.	900.00	
Graf, Fred. M.	do.	290.00	
Cooper, Claude C.	do.	1,200.00	
Crawford, Thomas	do.	1,200.00	
Edwards, Rowena A.	do.	1,133.33	
Fry, John C.	do.	1,200.00	
Hercus, Alice T.	do.	1,200.00	
Hesse, Conrad E.	do.	1,050.00	
Rausch, Gustav E.	do.	100.00	16.16
Hobbs, Hermann E.	do.	1,123.33	
Wiest, Edward S.	do.	76.67	
Hunter, Herbert C.	do.	1,200.00	
Mattison, E. M.	do.	1,200.00	
Melton, J. H.	do.	1,200.00	
Merrill, Herbert C.	do.	1,200.00	
Meston, R. D.	do.	1,200.00	
Minnick, S. Percy	do.	1,200.00	
Parker, William N.	do.	1,200.00	
Pollock, Rosswitted E.	do.	1,200.00	
Rohrer, Charles W.	do.	1,200.00	
Thompson, Arthur	do.	1,200.00	
Weightman, R. Hanson	do.	1,200.00	
Whiteside, J. L.	do.	1,200.00	
Williamson, Robert M.	do.	1,200.00	
Wilson, Joseph B.	do.	1,200.00	
Ackman, George, jr.	Clerk, at \$1,000	1,000.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1910, \$205,310"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Ball, Homer W.	Clerk, at \$1,000.	\$63.89	
Weist, Edward S.	do.	936.10	
Barger, Gervase J. P.	do.	1,000.00	
Buchanan, Elmer R.	do.	83.34	
Rausch, Gustav E.	do.	916.66	
Cade, William R.	do.	241.67	
Graf, Fred M.	do.	758.33	
Connor, George W.	do.	205.56	
Dugan, Henry P.	do.	544.44	
Hope, James J.	do.	250.00	
Covert, Roy N.	do.	1,000.00	\$27.00
Diehl, Geneva B.	do.	1,000.00	
Emery, Frank D.	do.	1,000.00	
Hamrick, Andy M.	do.	1,000.00	7.80
Hawkins, Laura F.	do.	1,000.00	
Hotze, Ruby S.	do.	1,000.00	
Johnson, Edward H.	do.	1,000.00	
Kincer, Joseph B.	do.	1,000.00	
Lazenby, Richard O.	do.	1,000.00	
Miller, Robert L.	do.	1,000.00	
Stone, Jesse R.	do.	1,000.00	
Tracy, Anson R.	do.	1,000.00	
Ball, Homer W.	Clerk, at \$900.	842.50	
Marean, Edwin F.	do.	57.50	
Buchanan, Elmer R.	do.	825.00	
Paterson, George	do.	75.00	
Cade, William R.	do.	682.50	
Richards, George M.	do.	217.50	
Calvert, Samuel C.	do.	375.00	
Kinney, Jerome F.	do.	90.00	
Palm, John D.	do.	124.50	
Turner, George E.	do.	90.00	
Connor, George W.	do.	490.00	
Hope, James J.	do.	185.00	
Phillips, Milton W.	do.	25.00	
Whittington, Elmer M.	do.	92.50	
Driscoll, Michael J.	do.	900.00	
Long, Mary.	do.	900.00	
Lyman, Herbert.	do.	900.00	
Weber, William.	do.	900.00	
Keiter, William I.	do.	203.00	
Richards, George M.	Copyist, at \$840.	637.00	
Klock, Margaret E.	do.	840.00	
McClelland, Harold.	do.	63.00	
Palm, John D.	do.	555.33	
Paterson, George	do.	151.67	
Thomson, Alfred R.	do.	49.00	
Rhea, William E.	do.	331.33	
Thomson, Alfred R.	do.	508.67	
Peticolas, Virginia M.	Copyist, at \$720.	720.00	
King, Thomas H.	Assistant foreman of division, at \$1,600.	1,600.00	70.00
Larcombe, B. F.	do.	1,600.00	42.03
Winters, L.	Proofreader, at \$1,400.	1,400.00	
Tuch, C. B.	Chief mechanic, at \$1,400.	1,384.44	
Long, Samuel C.	Lithographer, at \$1,300.	1,300.00	1.85
Allen, George.	do.	400.00	
Thornton, Walter S.	Lithographer, at \$1,200.	800.00	
Fraber, J. W.	do.	1,200.00	
Keough, W.	do.	1,200.00	
Ackerman, Abram A.	Pressman, at \$1,250.	1,250.00	
Whitman, Edgar C.	do.	1,250.00	
Buhrman, Oscar H.	Compositor, at \$1,250.	1,250.00	
Burns, Charles T.	do.	1,250.00	114.93
Cooper, Robert S.	do.	1,250.00	38.55
Emmons, Lucius H.	do.	1,250.00	
Estes, Samuel B.	do.	357.64	
Tweeddale, Thomas H.	do.	892.36	
Estes, Samuel B.	do.	260.41	
Von Ostermann, George F.	do.	989.58	
Farrington, W. H.	do.	1,250.00	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1910, \$205,310."—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Green, William B.	Compositor, \$1,250.	\$1,250.00	
Hutchison, James E.	do.	1,250.00	\$48.82
McCallum, Daniel.	do.	1,243.06	
Claveloux, F. A.	Skilled mechanic, at \$1,200.	1,200.00	
Balster, John A.	Skilled mechanic, at \$1,000.	1,000.00	
Collins, James F.	do.	1,000.00	
Francis, Fred L.	do.	1,000.00	
Martin, Julius J.	do.	1,000.00	
Newham, Richard S.	do.	1,000.00	
Sharp, Stewart S.	do.	1,000.00	
McCartney, Bernard T.	Engineer, at \$1,200.	990.00	
Pilcher, C. H.	Captain of watch, at \$1,000.	150.00	
Johnson, Hiram.	Electrician, at \$1,000.	1,000.00	
O'Neil, Daniel F.	do.	1,000.00	
Allen, George.	Skilled artisan, at \$840.	560.00	
Thornton, Walter S.	do.	280.00	
Chambers, Charles W.	do.	840.00	
Haynes, John M.	do.	840.00	
Hughes, Everett H.	do.	840.00	
Lucas, John H.	do.	840.00	
Patrick, William.	do.	840.00	
Brown, Joseph.	Messenger or laborer, at \$720.	720.00	
Eichelberger, Thomas H.	do.	713.29	
Feigley, Joseph M.	do.	94.00	
Tracy, Frank T.	do.	626.00	
Hayes, Michael.	do.	720.00	
McLane, William, jr.	do.	720.00	
Barrett, William J.	Fireman, at \$720.	720.00	
Hudson, James M.	do.	720.00	
Morton, R. H.	do.	720.00	
Bacon, Samuel, jr.	Watchman, at \$720.	150.00	
Brown, Moses H.	do.	376.00	
Dwyer, John E.	do.	192.00	
Branham, Edward A.	do.	720.00	
Price, Evan.	do.	720.00	
Sullivan, John.	do.	720.00	
Carter, Wade H.	Folder and feeder, at \$720.	720.00	
Ford, Charles B.	do.	152.00	
Watt, Frederick J.	do.	562.00	
Fowler, Archibald W.	do.	720.00	
Frueser, Herman C.	do.	720.00	
Stone, Thad.	do.	720.00	
Allen, Forest W.	Folder and feeder, at \$630.	199.50	
Keithley, John A.	do.	131.25	
Russell, Joseph.	do.	127.75	
Watt, Frederick J.	do.	138.25	
Widman, Alfred J.	do.	4.49	
Hanke, Clara D.	do.	630.00	
Hoagland, Annie E.	do.	630.00	
Bassinger, Henry C.	do.	190.67	
Gardiner, F. Gwynn.	Messenger or laborer, at \$660.	275.00	
Glover, George J.	do.	194.33	
Brown, Moses H.	do.	315.33	
Lee, Jesse B.	do.	344.67	
Butler, Benjamin F.	do.	660.00	
Pierce, Kenneth R.	do.	304.33	
Rhea, William E.	do.	269.50	
Tracy, Frank T.	do.	86.17	
Plummer, W.	do.	660.00	
Plummer, William, jr.	do.	660.00	
Allen, Forest W.	Messenger, messenger boy, or laborer, at \$600.	276.67	
Pierce, Kenneth R.	do.	323.33	
Allen, Forest W.	do.	131.67	
Barrie, Roy A.	do.	441.67	
Coe, Edmund G.	do.	600.00	
Bacon, Samuel, jr.	do.	475.00	
Burch, Thomas R.	do.	15.00	
McCreight, John H.	do.	79.17	
Smith, Louis B.	do.	25.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1910, \$205,310"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Bassinger, Henry C.	Messenger, messenger boy, or laborer, at \$600	\$250.00	
Gardiner, F. Gwynn		350.00	
Bentley, George J.	do.	176.67	
Glover, George J.	do.	423.33	
Harris, Robert.	do.	600.00	
Lee, Jesse B.	do.	286.67	
Stepp, John W.	do.	313.33	
McDermott, Edward.	do.	600.00	
Patrick, Thomas.	do.	600.00	
Peffer, Widney J.	do.	276.67	
Rhea, William E.	do.	78.33	
Spann, Jack E.	do.	28.33	
Welty, John F.	do.	216.67	
Turner, Linwood	do.	600.00	
Washington, Rudolph	do.	600.00	
Bair, Jefferson L.	Messenger, messenger boy, or laborer, at \$480	173.33	
Miller, Erskine R.		92.00	
Welty, John F.		206.67	
Claffin, Walton R.		100.00	
Lee, Plato T.	do.	100.00	
Muller, Paul H.		200.00	
Smith, Louis B.		78.67	
Gallenne, Jean H.	do.	250.67	
Stepp, John W.		229.33	
Goepfert, Paul J.	do.	244.00	
Mankin, LeRoy T.		89.33	
Primm, Paul H.		136.00	
Bair, Jefferson L.		60.00	
Goepfert, Paul J.	Messenger, messenger boy, or laborer, at \$450	221.25	
Miller, Erskine R.		46.25	
Miller, Norman E.		111.25	
Braxton, Benjamin		125.00	
Lee, Plato T.	do.	29.75	
Primm, Paul H.		93.75	
Whiting, Robert A.		165.00	
Claffin, Walton R.		93.75	
Comstock, Arlington	do.	18.75	
Jones, Walter M.		52.81	
Muller, Paul H.		262.50	
Gallenne, Jean H.		121.25	
Hobson, Melvin C.	do.	210.00	
Welty, John F.		93.75	
Stone, Raymond R.	do.	450.00	
Lomax, Amanda.	Charwoman, at \$360	360.00	
Crabbs, Lydia M.	Charwoman, at \$240	240.00	
Holmes, Sarah E.	do.	160.00	
Templeton, Clara A.		80.00	
Payne, Lucy.	do.	240.00	
Total.		204,560.91	
Total amount of appropriation			\$205,310.00
Total amount paid for salaries			204,560.91
Unexpended balance.			749.09

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Weather Bureau, 1910, \$25,000."

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co. ....	\$14.94	Cook, Bunheimer & Co. ....	\$7.00
Andrews Paper Co., R. P. ....	125.53	Cooper, W. H. ....	6.00
Ballantyne, R. Carter. ....	38.60	Copeland Co., M. G. ....	131.00
Barron & Co., James S. ....	4.31	Crane Co. ....	7.58
Carriers' Ink Co., The. ....	22.80	Crescent Oil Co. ....	11.44
Clafin Optical Co. (Inc.) ....	.50	Cummings, Ed. S. ....	205.00
Clarke Co., R. P. ....	44.27	Cuyler & Mohler. ....	12.52
Columbia Ribbon & Carbon Manu- facturing Co. ....	2.63	D. & W. Fuse Co. ....	3.19
Davidson & Co., H. C. ....	144.63	Deuscher Co., The H. P. ....	13.78
Dixon Crucible Co., Joseph. ....	2.88	District Machine Works. ....	14.50
Dushane & Co., John A. ....	42.50	Dixon Crucible Co., Joseph. ....	2.88
Eagle Pencil Co. ....	1.47	Duffey, R. W. ....	10.60
Library Bureau. ....	67.90	Dulin & Martin Co. (Inc.) ....	16.25
Math & Co., Geo. F. ....	41.08	Du Perow, M. ....	5.60
Nawrath, J. P. ....	6.75	Dyer, Wm. H. ....	35.78
Neidick Process Co. (Inc.) ....	1.69	Eagle Pencil Co. ....	2.40
Old Dominion Paper Co. ....	.84	Easthampton Rubber Thread Co. ....	377.27
Proudfitt Loose Leaf Co., The. ....	44.50	Eastman Kodak Co. ....	6.00
Rockwell, Charles F. ....	15.37	Elliott, John G. ....	77.70
Schmidt, Fred A. ....	40.68	Ellis, John H. ....	3.75
Stockett-Fiske Co., The. ....	38.97	Emery, Chas. W. ....	160.00
Stott & Co., Chas. G. ....	30.30	Empire Steam Laundry. ....	97.01
Swayze, Bailey & Co. ....	61.32	Espey, John B. ....	27.58
Swayze, W. L. ....	60.36	Fairbanks Co., The. ....	21.20
Technical Supply Co. ....	7.00	Fearn, J. R. ....	1.50
Tower, D. A. ....	1.04	Flemer, Lewis. ....	5.58
Union Envelope Co. ....	99.72	Frank Disinfecting Co., The P. M. ....	35.00
United States Envelope Co. ....	143.01	Franklin Mills Corporation. ....	102.20
Valley Paper Co. ....	80.05	Gaither, R. D. ....	5.50
Total. ....	1,185.64	Gallihier & Bro. (Inc.), W. T. ....	197.30
<i>Miscellaneous supplies, etc.</i>		Galt & Co., W. M. ....	15.36
Acme Repair and Bicycle Co. ....	6.75	Garber, W. F. ....	515.00
Adams Co., E. B. ....	2.08	General Electric Co. ....	28.29
American Ice Co. ....	358.64	Gilman, Z. D. ....	31.53
American Multigraph Sales Co., The. ....	44.15	Gimbel, Ellis A. ....	25.00
American Type Founders Co. ....	1.16	Goodrich Co., The B. F. ....	1.55
Armour & Co. ....	31.55	Granulator Soap Co. ....	55.54
Baer Bros. ....	1.80	Gray, W. R. ....	8.00
Ballantyne, R. Carter. ....	31.70	Greig, John. ....	4.94
Banks & Co., F. S. ....	37.75	Grove Lime & Coal Co., The. ....	3.20
Barber & Ross. ....	27.64	Hagy Waste Works, The J. Milton. ....	60.00
Bates Machine Co. ....	6.00	Hale & Co., W. F. ....	300.00
Baumgarten Co., Herman. ....	13.86	Hammar Bros. White Lead Co. ....	118.80
Baumgarten & Sons Co., J. ....	18.94	Harper Co. (Inc.), H. F. ....	2.40
Beall Construction Co., R. J. ....	50.00	Hartig, Louis. ....	105.57
Becker & Co., Charles. ....	1.38	Hastings & Co. ....	2.01
Bedell Manufacturing Co. ....	18.32	Hausler & Co. ....	6.70
Berry Brothers (Ltd.) ....	1.20	Hazleton, E. P. ....	45.00
Bird & Son, F. W. ....	100.00	Heany Lamp Co., The. ....	13.60
Block, Edward. ....	55.00	Heiskell & Co., F. H., Jr. ....	45.77
Blum Bros. ....	12.48	Hoge & McDowell Co., The. ....	402.30
Bolgiano & Co., F. W. ....	12.55	House & Herrmann. ....	22.35
Brennan Construction Co., The. ....	301.48	Howard Manufacturing Co., H. J. M. ....	52.45
Briscoe, W. D. ....	2.00	Hutchinson, Wm. Seely. ....	93.00
Brooks Co., The E. F. ....	8.00	Hutchinson & McCarthy. ....	127.50
Brown, R. M. ....	7.50	India Alkali Works. ....	33.75
Buckley, John W. ....	42.36	Jenks & Son, W. S. ....	59.00
Burrelles Press Clipping Bureau. ....	42.84	Jorss, A. F. ....	121.87
Burton & Son, R. C. M. ....	35.50	Joyce Engraving Co., The Maurice. ....	42.45
Cady, M. S. ....	110.50	Kahlert & Co., Albert. ....	18.84
Capital Paper Box Co. ....	19.00	Kane, Stephen H. ....	103.28
Capital Traction Co., The. ....	100.00	Keasbey & Mattison Co. ....	31.81
Capital Vacuum Cleaner Co. ....	35.00	Keyser, John W. ....	307.00
Carroll Electric Co. ....	7.90	Lamb & Tilden. ....	20.07
Carroll, Mary J. ....	12.00	Lambie Co. (Inc.), James B. ....	327.83
Chesapeake Supply Co. ....	2.90	Lansburgh & Bro. ....	8.25
Chilton Paint Co. ....	7.26	Leese, M. A. ....	15.62
Church, W. A. H. ....	445.79	Leet Bros. ....	9.10
Clarke Co., R. P. ....	28.66	Leslie, Arthur. ....	23.00
Consolidated Sales Co. (Inc.) ....	11.16	Lewis, J. L. ....	2.00
Constant, Peter J. ....	39.58	Lindemeyr, Philip. ....	120.23
		Lindsay, Melville D. ....	.66
		Lindsay Rubber Manufacturing Co., The. ....	4.80
		Linskey & Sons, James. ....	66.00



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Weather Bureau, 1910, \$25,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Linthicum, Matthias A.	\$3,454.80	Somerville Co., Thomas.	\$68.03
Lutz & Co. (Inc.).	121.75	Southern Printers Supply Co.	1.80
McCubbin Co., The C. J.	14.94	Stoller & Depre.	1.28
McCurdy, Jas. P.	77.75	Swayze, Bailey & Co.	8.00
Mackall Bros.	16.56	Swayze, W. L.	52.03
Manhattan Electrical Supply Co.	86.21	Telegraph Age.	5.00
Mann & Co., P.	8.10	Thomas Clock Co., Seth.	28.00
Marino, I.	1.50	Time-Saver Co., The.	6.50
Mathy Co., The.	1.75	Topham, James S.	8.00
Meeks Sons, S. J.	421.50	Trumbull Elec. Manufacturing Co.,	
Miller & Graham.	62.01	The.	1.00
Miller-Kopp Cut Stone Co.	14.00	Typewriter Economy Co.	7.00
Minnix Co. (Inc.), M. M.	2.50	Typewriter & Office Supply Co.	400.50
Monarch Typewriter Co., The.	24.40	Underwood Typewriter Co.	112.19
Moran Co., John.	114.75	United States Frame & Picture Co.	9.00
Moran, P. T.	1.50	Universal Supply Co.	6.60
Moses & Sons, W. B.	35.50	Van Schaack, Robert H.	13.50
Mudd & Brown.	35.50	Venable, S. J.	16.75
Muddiman & Co., C. A.	18.95	Vermillion, E. F.	10.00
Mullin, Edward.	24.00	Vise Clip Co., The.	9.60
Murphy & Co. (Inc.), E. J.	114.63	Voigt, E.	8.00
Muth & Co., Geo. F.	111.86	Walker & Son, John F.	54.00
Mutual District Messenger Co.	50.00	Warner, L.	33.00
National Electrical Supply Co.	1,704.37	Washington Rubber Co.	45.52
National Mortar Co.	1.34	Waterbury Battery Co.	87.50
National Supply Co., The.	48.00	Waters & Son, J. G.	4.50
Nawrath, J. P.	14.18	Weber & Co., F.	1.80
Newman, E. S.	1.00	Welsbach Co.	58.77
Newmyer, M.	9.18	West Disinfecting Co. (Inc.).	93.00
Nolan & Sons, James.	34.50	Western Electric Co.	25.00
Norris Peters Co., The.	2.50	Westinghouse Electric & Manufactur-	
North Star Ash Can Co.	15.35	ing Co.	51.40
O'Callaghan, M.	8.00	White, Fred J.	9.00
O'Callaghan, P. H.	149.00	Whyte, Warren M.	201.00
Ogram, Thomas E.	6.00	Wiegand, Martin.	1.64
O. K. Manufacturing Co.	3.15	Williams & Wells Co., The.	3.31
Palmer-Price Co., The.	8.00	Woodruff Manufacturing Co.	186.00
Parker & Son Co., Frank A.	27.50	Woodward & Lothrop (Inc.).	38.01
Pauls & Bro., G. C.	18.90	Young, Wm. H.	2.88
Payne, J. B.	1.50	Zephyr Ventilator & Manufacturing Co.	22.95
Pitcher, E. H.	67.00		
Postal Telegraph-Cable Co.	11.85	Total.....	18,302.62
Postmaster, Washington, D. C.	755.00		
Power, Thomas W.	175.00	<i>Furniture.</i>	
Pride of the Kitchen Co., The.	4.00		
Primus, Lewis.	27.00	Copeland Co., M. G.	41.61
Pullman, E. J.	7.41	Hoeke, W. H.	39.00
Pullman Automatic Ventilator Manu-		House & Herrmann.	7.45
facturing Co.	39.00	Lansburgh Furniture & Carpet Co.,	
Raritan Paint Co., The.	5.80	The Julius.	17.64
Rau, John C.	24.00	Library Bureau.	40.80
Red "C" Oil Manufacturing Co.	5.20	Lutz & Co.	10.00
Reilly, Hugh.	230.51	Moses & Sons, W. B.	767.48
Remington Typewriter Co.	7.30	Muth & Co., Geo. F.	90.75
Robbins & Myers Co.	42.15	Shaw-Walker Co., The.	31.55
Rudolph & West Co.	73.24	Sloane, W. & J.	181.69
Schmidt, Edw. S.	2.75	Woodward & Lothrop (Inc.).	199.03
Schmidt, Fred A.	80.52	Yawman & Erbe Manufacturing Co.	13.00
Scientific Products Co.	9.50		
Shedd & Bro. Co., S. S.	.70	Total.....	1,440.00
Sherwin-Williams Co., The.	27.22		
Shoemaker & Busch.	105.16	<i>Fuel.</i>	
Silverberg's Art Store.	4.40		
Smith & Hall.	3.00	Allegheny Co., The.	39.45
Smith, John J.	189.30	Grove Lime & Coal Co., The.	7.75
Smith & Bros. Typewriter Co., L. C.	320.00	Johnson Bros.	2,264.71
Smith Premier Typewriter Co.	40.90	Murphy, Robert.	7.19
Smith, Thomas W.	63.31		
Smithsonian Institution, The.	324.13	Total.....	2,319.10
Smoot, L. E.	1.10		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Weather Bureau, 1910, \$25,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Gas and electricity.</i>	
Adams Express Co.....	\$127.60	Washington Gas Light Co.....	\$463.32
United States Express Co.....	53.58		
Total.....	181.18	<i>Apparatus, instruments, and laboratory material.</i>	
<i>Telephone.</i>		Electro Clock Co., The.....	39.50
Chesapeake & Potomac Telephone Co.	611.94		
Total amount of appropriation.....			\$25,000.00
Total expenditures under above groups.....			24,543.30
Unexpended balance.....			456.70

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bigelow, Frank H.....	Professor of meteorology, at \$3,000.....	\$3,000.00	\$742.36
Frankenfield, Harry C.....	do.....	3,000.00	445.94
Garriott, Edward B.....	do.....	2,608.33	78.27
Marvin, Charles F.....	do.....	3,000.00	54.30
Bowie, Edward H.....	District forecaster, at \$2,400 and \$3,000, and professor of meteorology, at \$3,000.....	2,576.66	451.39
Berry, James.....	Chief of Distributing Division, at \$2,750.....	2,742.36	
Gilliam, Frank.....	Section director, at \$1,800.....	1,050.00	
Hobbs, Hermann E.....	Section director, at \$1,600.....	102.22	
Von Ostermann, George F.....	Printer, at \$1,200.....	50.00	
Lodholz, Louis.....	Assistant observer, at \$1,000.....	983.33	
Math, Frank A.....	do.....	500.00	
Pickels, Alfred C.....	do.....	1,000.00	
Palm, John D.....	Assistant observer, at \$840.....	63.00	
Paterson, George.....	do.....	338.33	
Thomson, Alfred R.....	do.....	21.00	
Turner, George E.....	do.....	210.00	
Merchant, Gerald C.....	Assistant observer, at \$720.....	150.00	
Holderith, Alois.....	Gardener, at \$720 and \$840.....	820.00	
Total.....		22,215.23	
<i>Out of Washington.</i>			
Cox, Henry J.....	Professor of meteorology, at \$3,000.....	3,000.00	365.02
Henry, Alfred J.....	do.....	3,000.00	782.42
McAfee, Alexander G.....	do.....	3,000.00	189.50
Humphreys, William J.....	Professor of meteorological physics, at \$3,900.....	3,000.00	232.38
Abbe, Cleveland.....	Professor of meteorology, at \$2,500.....	2,500.00	41.70
Kimball, Herbert H.....	do.....	2,500.00	36.56
Conger, Norman B.....	Inspector, at \$2,500.....	2,500.00	
Hersey, Henry B.....	do.....	2,500.00	409.00
Beals, Edward A.....	District forecaster, at \$2,400.....	2,400.00	496.93
Brandenberg, Frederick H.....	do.....	2,400.00	448.93
Cline, Isaac M.....	do.....	2,400.00	13.19
Cuthbertson, David.....	do.....	2,400.00	420.34
Smith, John W.....	do.....	2,400.00	37.40
Walz, Ferdinand J.....	do.....	2,400.00	79.44
Emery, Eben H.....	Local forecaster, at \$2,000, and district forecaster, at \$2,400.....	2,033.34	117.46

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Scarr, James H.....	Local forecaster, at \$1,600 and \$2,000, and district forecaster, at \$2,400.	\$2,066.67	\$398.21
Smith, J. Warren.....	Section director, at \$2,000, and district forecaster, at \$2,400.	2,366.66	109.18
Gray, James J.....	Local forecaster, at \$2,000.	2,000.00	77.85
Kenealy, James.....	do.	2,000.00	28.44
Pennywitt, Henry.....	do.	2,000.00	57.72
Bunnemeyer, Bernard.....	Section director, at \$2,000.	2,000.00	131.49
Schneider, Charles F.....	do.	2,000.00	142.40
Von Herrmann, Charles F.....	do.	2,000.00	33.10
Wilson, Wilford M.....	do.	2,000.00	30.55
Blair, William R.....	Research director, at \$2,000.	2,000.00	218.10
Bliss, George S.....	Local forecaster, at \$1,600, and section director, at \$2,000.	1,966.67	86.98
Purssell, Ulysses G.....	Section director, at \$1,800 and \$2,000.	1,850.00	115.85
Townsend, Theodore F.....	Section director, at \$2,000, and observer, at \$1,200.	1,266.66	28.50
Blystone, Montello E.....	Local forecaster, at \$1,800.	1,800.00	95.78
Connor, Patrick.....	do.	1,800.00	71.10
Dey, Luther M.....	do.	1,800.00	18.16
Tarr, Leonard M.....	do.	1,800.00	66.26
Willson, George H.....	do.	1,800.00	404.71
Wollaber, Arthur B.....	do.	1,800.00	323.69
Bassler, Simon S.....	Local forecaster, at \$900 and \$1,800.	975.00	33.85
Boyer, Harry B.....	Local forecaster, at \$1,600 and \$1,800.	1,716.66	117.92
Emery, Samuel C.....	do.	1,608.88	95.29
Evans, Edward A.....	Section director, at \$1,800.	1,800.00	180.80
Fassig, Oliver L.....	do.	1,800.00	540.83
Gillam, Frank.....	do.	750.00	
Loveland, George A.....	do.	1,800.00	21.07
Mitchell, Alexander J.....	do.	1,800.00	78.87
Salisbury, George N.....	do.	1,635.00	23.16
Stockman, William B.....	do.	1,800.00	380.30
Alexander, William H.....	Local forecaster, at \$1,400, and section director, at \$1,800.	1,700.00	70.60
Blythe, William T.....	Local forecaster, at \$1,000, and section director, at \$1,800.	1,066.67	67.73
Hayes, Montrose W.....	Local forecaster, at \$1,600, and section director, at \$1,800.	1,783.33	121.35
Hyatt, Robert J.....	Local forecaster, at \$900, and section director, at \$1,800.	1,125.00	6.50
Nunn, Roscoe.....	Local forecaster, at \$1,400, and section director, at \$1,800.	1,766.66	134.98
Alociatore, Henry F.....	Section director, at \$1,600 and \$1,800.	1,625.55	62.03
Smyth, Patrick H.....	do.	1,673.90	125.13
Thiessen, Alfred H.....	do.	1,783.33	254.43
Carpenter, Ford A.....	Local forecaster, at \$1,600.	1,600.00	28.85
Cover, Louis C.....	do.	1,600.00	
Currier, William S.....	do.	1,600.00	5.30
Demain, Edward R.....	do.	1,600.00	62.75
Grant, Robert Q.....	do.	1,582.23	32.30
Neffert, William W.....	do.	1,600.00	31.30
Oberholzer, George R.....	do.	1,600.00	11.25
Sherier, Julius M.....	do.	1,600.00	4.95
Todd, George T.....	do.	1,600.00	19.00
Welsh, Lucius A.....	do.	1,600.00	18.43
Armington, John H.....	Local forecaster, at \$1,400 and \$1,600.	1,533.33	39.23
Daingerfield, Lawrence H.....	do.	1,408.88	169.80
Nichols, Esek S.....	do.	1,533.33	7.00
Ryker, John N.....	do.	1,408.88	6.46
Stewart, Charles.....	do.	1,315.55	8.33
Voorhees, John F.....	do.	1,483.33	57.97
Weeks, John R.....	do.	1,433.33	23.21
Burns, William G.....	Section director, at \$1,600.	1,600.00	85.55
Glenn, Samuel W.....	do.	1,600.00	23.80
Jennings, Thorp B.....	do.	1,600.00	16.92
Jesunofsky, Lewis N.....	do.	1,600.00	64.39
Palmer, Walter S.....	do.	1,600.00	207.01
Bate, Henry C.....	Local forecaster, at \$1,000, and section director, at \$1,600.	1,050.00	54.20

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Belden, William S.	Local forecaster, at \$1,600, and section director, at \$1,600.	\$1,600.00	\$82.80
Church, Verne H.	Observer, at \$1,200, and section director, at \$1,400 and \$1,600.	1,433.34	205.76
Young, R. Frank	Section director, at \$1,400 and \$1,600.	1,408.88	424.88
Ashenberger, Albert.	Local forecaster, at \$1,400.	1,400.00	67.01
Brand, Albert.	do.	1,400.00	24.50
Bridges, Theodore L.	do.	1,400.00	17.75
Buell, Allen.	do.	1,400.00	8.35
Cronk, James W.	do.	1,400.00	31.80
Devereaux, William C.	do.	1,400.00	136.92
Dudley, William M.	do.	1,203.44	16.23
Hazen, John S.	do.	1,400.00	6.85
Jones, Edward P.	do.	1,400.00	153.24
McDonough, Patrick	do.	1,400.00	
Miller, Eric R.	do.	1,400.00	6.62
Nimmo, E. Herbert.	do.	1,400.00	1.65
Noyes, G. Harold.	do.	1,400.00	23.22
Pindell, Lewis M.	do.	1,400.00	65.32
Reed, Charles D.	do.	1,232.77	4.33
Richardson, Herbert W.	do.	1,400.00	60.40
Sanford, Morgan R.	do.	1,400.00	21.29
Shaw, William A.	do.	1,400.00	
Spencer, James H.	do.	1,400.00	36.65
Sullivan, Richard H.	do.	1,400.00	16.10
Taylor, Nathaniel R.	do.	1,400.00	112.05
Thompson, Charles D. C.	do.	1,400.00	24.85
Vose, Elisha C.	do.	1,400.00	17.15
Wurtz, George B.	do.	1,400.00	63.25
Geren, Harry O.	Section director, at \$1,400, and local forecaster, at \$1,400.	933.34	69.30
Barron, William E.	Observer, at \$1,200, and local forecaster, at \$1,400.	1,383.34	13.45
Bonnett, Walter E.	do.	1,216.67	72.05
Day, Walcott L.	do.	1,225.00	8.15
Emigh, Eugene D.	do.	1,291.67	52.22
Fuller, William D.	do.	1,383.33	68.45
Hooper, John K.	do.	1,350.00	44.97
Lindgren, Gustave S.	do.	1,250.00	
Root, Clarence J.	do.	1,250.00	
Seeley, Dewey A.	do.	1,233.34	118.61
Stewart, William P.	do.	1,383.34	150.99
Alps, Henry F.	Section director, at \$1,400.	1,400.00	81.15
Bauer, Jacob W.	do.	1,400.00	21.60
Howe, Henry C.	do.	1,400.00	15.20
Judkins, Levi A.	do.	1,400.00	60.11
Kadel, Benjamin C.	do.	1,400.00	479.50
Linney, Charles E.	do.	1,400.00	147.21
Reeder, George.	do.	1,400.00	27.24
Roberts, Orris W.	do.	1,400.00	100.36
Slaughter, J. Pemberton.	do.	1,400.00	133.07
Wells, Edward L.	do.	1,400.00	16.90
Wood, Charles S.	Research observer, at \$1,400.	1,400.00	150.65
Denson, Lee A.	Observer, at \$1,200, and section director, at \$1,400.	1,383.34	150.23
Scott, James H.	do.	1,316.67	47.31
Anderson, Robert L.	Observer, at \$1,200.	1,200.00	130.65
Baldwin, Harrison McP.	do.	1,200.00	8.41
Beates, James W.	do.	1,036.67	
Bell, Aaron H.	do.	1,200.00	2.50
Bennett, Walter J.	do.	1,200.00	47.95
Blagden, John D.	do.	1,200.00	
Bolton, Joseph P.	do.	300.00	
Briggs, Robert R.	do.	1,200.00	12.35
Brist, Frederick W.	do.	1,200.00	45.10
Brockway, Albert L.	do.	1,200.00	98.70
Brown, Edward A.	do.	1,200.00	25.23
Burns, Alexander G.	do.	1,200.00	31.83
Burrows, Orville C.	do.	200.00	
Byram, John W.	do.	1,200.00	3.50
Carter, Harry G.	do.	1,200.00	
Cavanagh, William C.	do.	1,200.00	11.65



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cline, Joseph L.	Observer, at \$1,200	\$1,200.00	\$28.35
Cole, Harvey S.	do.	1,200.00	12.45
Coleman, Frank H.	do.	1,200.00	
Connell, Maurice	do.	1,200.00	
Conrad, Frederick W.	do.	1,200.00	
Craig, John	do.	1,200.00	
Crosby, Arthur W.	do.	1,200.00	
Cunningham, Noble M.	do.	1,200.00	8.00
Davis, T. Frederick	do.	1,200.00	
Davis, William	do.	1,200.00	
Disterdick, Fred. L.	do.	1,200.00	37.30
Doherty, Cornelius J.	do.	1,200.00	72.30
Dorman, Louis	do.	1,200.00	13.45
Eshleman, Cyrus H.	do.	1,200.00	4.32
Felger, G. W.	do.	1,200.00	2.25
Fisher, Lawrence C.	do.	1,200.00	5.43
Fitzgerald, John	do.	1,200.00	
Flora, Snowden D.	do.	1,200.00	
Fuller, Merton L.	do.	1,200.00	87.46
Garrett, Charles C.	do.	1,200.00	86.90
Gosewisch, Frederic Z.	do.	1,200.00	6.70
Gray, Richard W.	do.	1,200.00	
Gregg, Willis R.	do.	1,200.00	307.49
Grover, John	do.	1,200.00	8.55
Grunow, Dexter O.	do.	1,000.00	71.35
Guthrie, Leon J.	do.	1,200.00	5.85
Hadley, Olin M.	do.	1,200.00	12.92
Hardinge, Robert M.	do.	1,200.00	7.70
Hartwell, F. Eugene	do.	1,200.00	400.73
Hass-Hagen, George	do.	596.67	85
Horton, Edgar C.	do.	1,190.00	114.00
Hyle, Charles A.	do.	386.67	44.55
Jermin, Frank	do.	1,200.00	45.57
Kirk, Joseph M.	do.	1,200.00	
Landis, Dennis S.	do.	1,200.00	12.95
Lane, Nathan D.	do.	1,200.00	31.25
Lehman, William F.	do.	1,200.00	62.35
Lindley, Robert T.	do.	1,200.00	20.45
Linsley, Julius G.	do.	1,200.00	
McCallum, Daniel P.	do.	1,200.00	
Martin, William V.	do.	1,200.00	21.49
Mitchell, Charles L.	do.	1,200.00	48.00
Mitchell, William A.	do.	1,200.00	8.35
Montgomery, Frank	do.	1,200.00	109.75
Mosby, Samuel L.	do.	1,200.00	
Murphy, Daniel C.	do.	1,200.00	15.45
Newsom, John F.	do.	1,200.00	34.20
O'Connor, Gerald J.	do.	1,200.00	
Patrick, Henry R.	do.	1,190.00	1.85
Piercy, Joseph C.	do.	1,200.00	5.15
Powell, Robert P.	do.	1,200.00	
Randall, Albert V.	do.	1,200.00	
Reed, William J.	do.	1,200.00	
Reed, William F., jr.	do.	450.00	45.51
Robinson, Milton A.	do.	900.00	2.85
Roche, Henry H.	do.	1,200.00	
Row, Edwin E.	do.	1,200.00	2.50
Schaeffer, John W.	do.	1,200.00	19.35
Scholl, Walter H.	do.	1,200.00	
Scott, George W.	do.	683.33	
Smith, Horace E.	do.	700.00	20.60
Smith, Ralph W.	do.	1,100.00	
Stubbs, Martin B.	do.	1,175.00	31.30
Summers, Melvin B.	do.	1,200.00	4.13
Thompson, Edwin C.	do.	1,200.00	30.90
Vanderpool, Jesse L.	do.	1,200.00	
Waldron, Bion L.	do.	1,200.00	12.15
Watson, James M.	do.	550.00	
Widmeyer, James I.	do.	1,200.00	2.50
Wiesner, Abe	do.	1,000.00	16.64

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Williams, John R.	Observer, at \$1,200	\$1,200.00	\$8.50
Wilson, George N.	do.	1,113.33	5.10
Alter, J. Cecil.	Assistant observer, at \$1,000, and observer, at \$1,200.	1,183.33	124.80
Blair, Thomas A.	Assistant observer, at \$840 and \$1,000, and observer, at \$1,200.	1,012.22	88.30
Bradley, James A.	Assistant observer, at \$1,000, and observer, at \$1,200.	1,006.66	.....
Coberly, Edward D.	do.	1,183.33	86.55
Drake, Theodore F.	do.	944.44	20.45
Fisher, David.	Assistant observer, at \$840, and observer, at \$1,200.	871.67	26.20
Gittings, Edwin B., jr.	Assistant observer, at \$1,000, and observer, at \$1,200.	1,183.33	93.10
Lawton, George E.	do.	1,066.66	52.80
Robins, Millard V.	do.	1,183.33	.....
Sager, George V.	do.	1,033.33	66.70
Spencer, Eugene E.	do.	1,033.33	44.15
Sprague, Malcolm	do.	1,183.33	54.55
Sutton, Leon G.	do.	1,016.66	50.55
Taylor, Thomas R.	do.	1,116.66	23.99
Mize, Ralph C.	Operator, at \$1,200.	1,200.00	12.00
Chappel, George M.	Section director, at \$1,000.	1,000.00	26.54
Atto, Oro O.	Assistant observer, at \$1,000.	1,000.00	.....
Bailey, Wayland.	do.	1,000.00	10.15
Bell, William.	do.	1,000.00	29.25
Billy, Joseph, jr.	do.	1,000.00	.....
Boyle, James A.	do.	966.66	105.40
Burns, Edward T.	do.	1,000.00	.....
Clark, William F.	do.	1,000.00	.....
Considine, Thomas J.	do.	1,000.00	.....
Dean, Robert H.	do.	1,000.00	.....
Dewing, Charles R.	do.	333.33	124.00
Dick, Harvey B.	do.	1,000.00	14.75
Dill, Charles.	do.	1,000.00	.....
Donnel, Charles A.	do.	1,000.00	.....
Dosher, Samuel L.	do.	1,000.00	.....
Dyke, Ray A.	do.	283.33	.....
Eddey, George W.	do.	1,000.00	9.93
Fallon, William H.	do.	1,000.00	4.55
Faulhaber, Charles E.	do.	1,000.00	.....
Faulk, Maurice C.	do.	977.77	.....
Field, George F.	do.	1,000.00	8.35
Fisher, Ray L.	do.	1,000.00	34.95
Frise, Harry A.	do.	1,000.00	45.80
Grasse, Herchner W.	do.	983.33	11.00
Green, William H.	do.	1,000.00	38.75
Grimes, George E.	do.	1,000.00	20.45
Hackett, Arthur E.	do.	830.55	.....
Hackett, Sumner	do.	1,000.00	3.30
Haines, Ernest H.	do.	1,000.00	.....
Hardin, Hal P.	do.	1,000.00	.....
Harn, George U., jr.	do.	236.10	23.30
Hayden, Julius C.	do.	1,000.00	39.20
Hokcomb, Howard K.	do.	722.23	18.15
Jaki, Vincent E.	do.	1,000.00	.....
Jones, James.	do.	1,000.00	100.30
Kelliher, John J.	do.	1,000.00	5.70
Kimball, James H.	do.	1,000.00	49.30
Lady, George W.	do.	1,000.00	118.15
Lathrop, William T.	do.	500.00	43.35
Legler, Hugo.	do.	1,000.00	5.25
Ling, Charles W.	do.	1,000.00	2.40
McDowall, Gilbert W.	do.	999.99	13.95
McGann, Edward W.	do.	1,000.00	.....
McGuinness, William C.	do.	983.33	.....
McLean, John J.	do.	1,000.00	14.40
McLeary, Frank E.	do.	1,000.00	.....
Magrum, Albert F.	do.	1,000.00	16.60

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Marks, Harris A.	Assistant observer, at \$1,000.	\$1,000.00	\$120.21
Math, Frank A.	do.	500.00	218.74
Maxwell, William D.	do.	1,000.00	31.39
Morris, David R.	do.	416.67	42.55
Nesmith, Mark T.	do.	1,000.00	.....
Norquest, Clinton E.	do.	1,000.00	19.35
O'Donnell, John J.	do.	1,000.00	.....
Olds, William J.	do.	250.00	3.25
Peterson, Samuel P.	do.	1,000.00	.....
Richardson, Charles H.	do.	1,000.00	.....
Ross, Lewis C.	do.	1,000.00	.....
Schlomer, William B.	do.	1,000.00	.....
Schoppe, William J. A.	do.	280.55	7.37
Sherry, Bertram J.	do.	1,000.00	157.10
Shilling, Alphonso W.	do.	1,000.00	40.95
Shipman, Truman G.	do.	1,000.00	.....
Simons, William U.	do.	1,000.00	2.80
Sloan, Jay B.	do.	1,000.00	.....
Spindler, Harvey H.	do.	719.44	87.38
Stewart, Oscar D.	do.	1,000.00	.....
Strong, Charles M.	do.	1,000.00	40.13
Thomas, Walter W.	do.	1,000.00	28.40
Vail, Herbert E.	do.	1,000.00	17.55
Whitman, Ozias.	do.	1,000.00	.....
Wright, Marsden.	do.	1,000.00	12.30
Andree, Hermann J.	Assistant observer, at \$840 and \$1,000.	860.45	63.25
Blake, Dean.	do.	986.67	.....
Brotzman, William S.	do.	860.45	52.45
Callin, Clement C.	do.	933.34	.....
Cambridge, Louis A.	do.	993.78	.....
Clark, Raymond E.	do.	946.67	.....
Collom, McLin S.	do.	933.34	32.95
Davis, Albert J.	do.	878.33	.....
Flattery, Charles W.	do.	609.34	.....
Greening, Gershom K., jr.	do.	866.67	.....
Hare, Walter B.	do.	866.67	53.12
Hissong, John E.	do.	866.67	.....
Hovde, Martin R.	do.	920.00	29.85
Howell, Harry M.	do.	866.67	20.75
Justice, Alonzo A.	do.	482.66	35.35
Kiehline, Herbert E.	do.	960.00	62.55
McKenzie, Herbert W.	do.	866.67	.....
Mindling, George W.	do.	920.00	.....
Peterman, Elton.	do.	866.67	32.67
Reed Wesley W.	do.	913.33	38.70
Teepie, Arthur R.	do.	926.67	.....
Thorson, Arthur R.	do.	920.00	65.00
Toole, John F.	do.	886.67	.....
Tullsen, Herbert.	do.	860.45	.....
Yeager, Everett E.	do.	738.68	357.60
Rogers, Luther.	Expert in vessel reporting, at \$840.	840.00	.....
Reed, John M.	Skilled mechanic, at \$1,200.	1,196.67	.....
Mulvey, James O.	Skilled mechanic, at \$1,000.	875.01	.....
Briscoe, Henry C.	Printer, at \$1,200.	1,200.00	.....
Burke, Ethelbert C.	do.	1,193.33	.....
Estes, Samuel B.	do.	606.67	79.05
Groce, Arthur V.	do.	1,200.00	.....
Groene, Ernest F.	do.	1,200.00	.....
Hurley, John F.	do.	1,200.00	.....
Nichols, Augustus B.	do.	1,200.00	.....
Nichols, John F.	do.	1,200.00	23.20
Pugh, Arthur W.	do.	1,200.00	.....
Reynick, Alexander.	do.	1,200.00	20.49
Shomo, Oscar V.	do.	1,200.00	35.95
Smith, Edgar A.	do.	1,200.00	.....
Stewart, John S.	do.	1,200.00	31.40
Sullivan, Daniel P.	do.	1,200.00	.....
von Ostermann, George F.	do.	200.00	60.49
Aiken, Clarence E.	Printer, at \$1,000.	1,000.00	.....



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Beasley, William A.	Printer, at \$1,000.	\$1,000.00	\$35.10
Carson, William J.	do.	1,000.00	
Cohn, Joseph.	do.	250.00	40.50
Garrison, Lloyd.	do.	588.89	29.25
Harris, John B.	do.	1,000.00	
McCoy, Samuel W.	do.	686.11	29.80
McWhorter, Lawrence L.	do.	1,000.00	
Madden, Samuel H.	do.	1,000.00	
Meacham, Aldah A.	do.	1,000.00	
Prather, Frank W.	do.	113.89	
Ragland, Samuel B.	do.	833.34	
Richard, William F.	do.	875.00	
Sandridge, Norman	do.	1,000.00	
Scott, Albert N.	do.	186.10	
Shaffer, George W.	do.	786.11	6.60
Smith, Thomas G.	do.	1,000.00	
Snyder, Joseph B.	do.	1,000.00	
Wagner, Anthony.	do.	891.66	
Bormann, Walter R.	Assistant observer, at \$840.	840.00	
Campfield, Louis M.	do.	840.00	21.25
Chancellor, Thomas J.	do.	838.84	
Conway, Margaret E.	do.	840.00	6.11
Cowdrick, Howard B.	do.	840.00	87.95
Cushing, Frederick S.	do.	840.00	49.27
Dusseauit, Joseph A.	do.	840.00	3.15
Evans, Budd.	do.	840.00	
Firestone, Timothy D.	do.	840.00	
Garrison, John S.	do.	840.00	
Glass, Elvin J.	do.	840.00	26.65
Grant, Charles C.	do.	840.00	
Gross, Henry C.	do.	840.00	
Grove, Earl M.	do.	840.00	37.20
Hallenbeck, Cleve.	do.	840.00	
Hammonds, Oscar H.	do.	840.00	
Harris, Ralph E.	do.	840.00	20.40
Heckathorn, Charles E.	do.	840.00	22.80
Hess, Paul.	do.	840.00	
Hobbs, Everett C.	do.	840.00	
Howard, Mark S.	do.	840.00	
Hurd, Willis E.	do.	821.33	
Jaqua, James H.	do.	840.00	
Johnson, Harley N.	do.	840.00	
Jones, Harris A.	do.	840.00	100.30
Lockwood, John E.	do.	840.00	
Lomasney, John B.	do.	840.00	
Marean, Edwin F.	do.	786.33	28.45
Meaker, Kenneth.	do.	840.00	23.30
Moxom, Walter J.	do.	840.00	
Olsen, Edward J.	do.	840.00	
Parker, Orin.	do.	840.00	23.00
Passailaigue, Louis F.	do.	490.00	
Paterson, George.	do.	262.50	23.40
Pitman, George W.	do.	840.00	24.45
Schworm, Stanley S.	do.	840.00	
Scott, Arthur H.	do.	840.00	23.85
Shaver, Robert M.	do.	508.67	
Tracy, William H.	do.	840.00	
Turner, George E.	do.	546.00	158.28
Viehman, Theodore A.	do.	700.00	
West, Ralph C.	do.	840.00	29.15
Whittier, Bernard B.	do.	840.00	34.30
Wills, Harry M.	do.	840.00	11.65
Woodworth, Charles A.	do.	840.00	
Band, Edward C., jr.	Assistant observer, at \$720 and \$840.	735.00	.75
Collman, Herman T.	do.	730.00	18.90
Dague, Charles I.	do.	735.33	64.05
Drew, Richard.	do.	800.00	113.25
Felton, Ernest L.	do.	735.00	
Gish, Oliver H.	do.	730.00	45.65
Harp, Hugh G.	do.	735.00	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Holcomb, Elward W.....	Assistant observer, at \$720 and \$840.....	\$750.00	\$68.01
Jensen, Julius C.....	do.....	730.00	32.80
Johnstone, William.....	do.....	735.00	19.85
Lanning, Etnair E.....	do.....	730.00	95.30
Lay, Owen T.....	do.....	730.00	.....
Lewis, Ollie L.....	do.....	775.33	.....
Lillie, Don M.....	do.....	775.33	46.70
McGinnis, Philip G.....	do.....	730.00	2.30
Martin, Howard H.....	do.....	730.00	9.75
Merchant, Gerald C.....	do.....	358.67	33.95
Metcalf, Harry C.....	do.....	730.00	29.20
Minehart, Elmo M.....	do.....	730.00	148.12
Odenweller, Claude B.....	do.....	790.00	15.10
Pugh, Horace L.....	do.....	730.00	55.52
Reed, Thomas R.....	do.....	771.33	132.50
Rice, Marcus A.....	do.....	775.33	.....
Sanders, John E.....	do.....	775.33	13.20
Smith, James H.....	do.....	730.00	127.35
Wade, Van D.....	do.....	775.33	.....
Wyland, Will L.....	do.....	830.00	.....
Blanchard, Loring W.....	Assistant observer, at \$720.....	94.00	.....
Brown, Orville C.....	do.....	298.00	9.65
Cole, Frank T.....	do.....	118.00	.....
Criswell, Lindsay L.....	do.....	240.00	40.30
De Forest, John S.....	do.....	720.00	.....
Dow, Milton W.....	do.....	90.00	.....
Durbin, Carl.....	do.....	540.00	68.75
Finch, Ruy H.....	do.....	20.00	.....
Fisher, John C., jr.....	do.....	310.00	32.85
Gibson, Thomas.....	do.....	720.00	.....
Gordon, James H.....	do.....	300.00	66.35
Graham, Clem M.....	do.....	166.00	11.10
Hadley, Carl E.....	do.....	50.00	.....
Hamme, Clemmy C.....	do.....	506.00	32.25
Handy, Elisha S.....	do.....	20.00	.....
Heyer, Hobert E.....	do.....	90.00	.....
Hyre, Harley E.....	do.....	506.00	40.50
Jordan, Thomas J.....	do.....	60.00	.....
Kavelage, A. Gardener.....	do.....	330.00	34.30
Keiter, William I.....	do.....	546.00	105.03
Kepler, John A.....	do.....	450.00	3.75
Kessler, Daniel W.....	do.....	548.00	45.90
Lane, Arthur S.....	do.....	90.00	.....
Larson, Edwin G.....	do.....	540.00	52.10
Laskowski, Bernard R.....	do.....	720.00	335.85
Long, Francis.....	do.....	720.00	.....
McAuliffe, Joseph P.....	do.....	90.00	42.10
Macabe, Stephen G.....	do.....	322.00	26.45
Medler, Charles J.....	do.....	90.00	.....
Meinschein, Tim.....	do.....	322.00	22.29
Mock, Albert.....	do.....	92.00	.....
Moery, Otto E.....	do.....	540.00	40.25
Moore, Willard E.....	do.....	90.00	.....
Moses, Fred I.....	do.....	90.00	12.95
Parker, John O.....	do.....	72.00	.....
Patterson, George W., jr.....	do.....	400.00	44.20
Phillips, B. Earl.....	do.....	166.00	.....
Raplee, Jay W.....	do.....	322.00	10.75
Reihle, John A.....	do.....	112.00	.....
Rhea, William E.....	do.....	44.00	.....
Roberts, William A.....	do.....	540.00	79.95
Rogers, Orlin B.....	do.....	32.00	.....
Schnurbusch, William J.....	do.....	322.00	14.00
Seaton, Robert E.....	do.....	264.00	.....
Shuey, Floyd W.....	do.....	322.00	80.45
Spangler, Joseph O.....	do.....	354.00	.....
Stevens, Arthur E.....	do.....	322.00	33.35
Talbert, Thomas J.....	do.....	38.00	.....
Thomas, Ralph W.....	do.....	720.00	.....



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thompson, E. Herbert.....	Assistant observer, at \$720.....	\$720.00	.....
Unger, Ellwood E.....	do.....	310.00	.....
Willard, Charles N.....	do.....	720.00	.....
Wilson, Charles E.....	do.....	90.00	.....
Wilson, Jesse B.....	do.....	540.00	\$42.45
Wright, Herbert H.....	do.....	104.00	.....
Young, Floyd D.....	do.....	258.00	.....
Young, John H.....	do.....	660.00	166.50
Oates, Walter A.....	Messenger, at \$600, and assistant observer, at \$720.....	690.00	32.60
Desmond, Leonard.....	Messenger, at \$480, and assistant observer, at \$720.....	610.67	15.50
Drinkwater, Alpheus.....	Repairman, at \$840.....	840.00	3.36
Johnston, Clifton E.....	do.....	840.00	.....
Beesley, George.....	Repairman, at \$720.....	300.00	.....
Bye, Oscar W.....	do.....	720.00	22.50
Dosher, Joseph J.....	do.....	288.00	.....
Gaskins, Willie H.....	do.....	690.00	38.35
Hart, Howard G.....	do.....	468.00	14.22
Midgett, Etheridge.....	do.....	720.00	.....
Rasmussen, Marius.....	do.....	720.00	38.56
Rasmussen, Wiggo.....	do.....	720.00	30.38
Tuttle, Earl W.....	do.....	202.00	11.25
White, Clement R.....	do.....	192.00	.....
Kelley, Andrew J.....	Unclassified laborer, at \$720, and carpenter, at \$720.....	720.00	8.50
Robertson, Norman B.....	Unskilled laborer, at \$720.....	720.00	17.60
Fowler, James E.....	Fireman, at \$720.....	642.00	.....
Wiley, Thomas W.....	do.....	540.00	.....
Bassinger, Henry C.....	Messenger, at \$720.....	212.00	27.05
Burn, Arthur A.....	do.....	720.00	.....
Christman, William W.....	do.....	720.00	.....
Connaroe, Henry.....	do.....	720.00	.....
Van Vradenburg, Marion B.....	do.....	720.00	.....
Weber, Clara.....	do.....	660.00	.....
Williams, Robert C.....	do.....	720.00	.....
Carroll, Louis W.....	Messenger, at \$600 and \$720.....	503.33	248.10
Freas, Howard E.....	do.....	670.00	.....
Parry, Benjamin.....	do.....	710.00	23.00
Adelson, Gosta.....	Messenger, at \$600.....	600.00	.....
Dey, Laura M.....	do.....	600.00	.....
Fischer, Frank W.....	do.....	600.00	.....
Larkin, Harry J.....	do.....	600.00	.....
Lehning, Charlie T.....	do.....	600.00	.....
Lopez, Joseph.....	do.....	600.00	.....
Mitchell, Theodore C.....	do.....	550.00	.....
Murphy, Frank C.....	do.....	50.00	.....
Scott, John E.....	do.....	600.00	.....
Baxter, Dahl.....	Unclassified laborer, at \$600.....	600.00	.....
Ackelov, Fred H.....	Messenger boy, at \$480, and messenger, at \$600.....	590.00	.....
Ahearn, Frank H.....	do.....	535.00	.....
Naughton, Percy J.....	do.....	490.00	.....
Smith, Julius C.....	do.....	520.00	.....
Acton, Clarence W.....	Messenger boy, at \$480.....	480.00	.....
Adams, Judson D.....	do.....	372.00	.....
Alston, Samuel G.....	do.....	358.00	.....
Augustin, James G.....	do.....	480.00	.....
Bailey, Herbert A.....	do.....	480.00	.....
Barrie, Roy A.....	do.....	126.67	46.50
Baston, Thornton J.....	do.....	336.00	.....
Beavers, Thomas H. B.....	do.....	480.00	.....
Bentley, George J.....	do.....	338.67	51.90
Burkhardt, Walter.....	do.....	480.00	.....
Cannon, Joseph W., jr.....	do.....	480.00	.....
Castor, Bernal O.....	do.....	14.67	.....
Caton, Orpha.....	do.....	480.00	.....
Cooke, S. Wilminor.....	do.....	243.33	.....
Davies, Philip M.....	do.....	460.00	.....
De Ment, Harry C.....	do.....	480.00	.....
Edstrom, Arthur.....	do.....	480.00	.....
Emrich, John F.....	do.....	480.00	.....
Ferguson, Leonard W.....	do.....	480.00	.....

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"*—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Finch, Verne E.	Messenger boy, at \$480.	\$480.00	
Fisher, Albert R.	do.	305.33	
Gormley, Joseph G.	do.	480.00	
Greene, William M.	do.	480.00	
Halstead, Harold G.	do.	480.00	
Hanna, George V.	do.	480.00	
Hartline, Frank J.	do.	480.00	
Hauber, Oscar H.	do.	480.00	
Higby, Wayne C.	do.	301.33	
Holznecht, Charles A.	do.	480.00	
Horton, Wilfred A.	do.	480.00	
Howie, J. Edward.	do.	480.00	
Johnson, Paul E.	do.	480.00	
Jones, Matthew G.	do.	480.00	
Kautz, Albert G. J.	do.	480.00	
Kilty, James.	do.	480.00	
Lawler, John J.	do.	480.00	
Levy, Oscar.	do.	480.00	
Lind, Harold V.	do.	264.00	
Mitchell, Theodore C.	do.	40.00	
Mott, Elno C.	do.	480.00	
Murphy, John J.	do.	480.00	
Newton, Harold G.	do.	480.00	
Olsen, Bernhard.	do.	480.00	
Peffer, Widney J.	do.	62.67	\$3.11
Ruckdeschel, Raymond G.	do.	480.00	
Ruhl, Raymond.	do.	480.00	
Selley, Harvey L.	do.	13.00	
Shawhan, Hubbard W.	do.	53.33	
Shumaker, Robert.	do.	480.00	
Slama, Harry F.	do.	480.00	
Small, Vernon E.	do.	480.00	
Spann, Jack E.	do.	457.33	29.10
Stockton, Edward L.	do.	388.00	
Sullivan, George M.	do.	480.00	
Towner, Noble.	do.	480.00	
Tucker, Chester O.	do.	480.00	
Wade, Roy W.	do.	480.00	
Wahlgren, Harry F.	do.	480.00	
Walker, Richard.	do.	40.00	
Westervelt, George C.	do.	480.00	
Kelley, John M.	Unclassified laborer, at \$480.	480.00	
Martin, William R.	Unclassified laborer, at \$480, and janitor, at \$40 per month.	87.34	
Narusawa, Tom K.	Janitor, at \$40 per month.	9.33	
Peterson, Douglas.	do.	70.00	
Reed, Luvinia.	do.	30.67	
Acosta, Frederic.	Messenger boy, at \$360 and \$480.	365.33	
Avery, Jesse O.	do.	365.33	
Buck, John F.	do.	282.00	
Bullough, Clarence M.	do.	365.33	
Clark, Roy D.	do.	326.33	
Creider, S. Reed.	do.	365.33	
Davis, Joe N.	do.	410.00	
Groseclose, Raymond W.	do.	365.33	
Hagen, Lawrence.	do.	316.33	
Heigh, Lyle E.	do.	410.00	
Jones, Walter H.	do.	410.00	
Lake, Henry B.	do.	365.33	
Lippman, Jacob H.	do.	334.33	
McColhum, Walter J.	do.	410.00	
McRee, Fergus.	do.	410.00	
Naegele, Eugene F.	do.	334.33	
Phillips, Samuel.	do.	410.00	
Rogers, Hugh D.	do.	410.00	
Rogers, Roy J.	do.	281.33	
Ross, Robert C.	do.	410.00	14.30
Rupert, Karl C.	do.	410.00	
Schapira, Joseph.	do.	322.00	13.75
Smith, Minor T.	do.	365.33	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Springman, Herbert C.	Messenger boy, at \$360 and \$480	\$410.00	
Stillwell, John W.	do.	231.33	
Tempany, Clarence L.	do.	410.00	
Thompson, Layton	do.	316.33	
Weid, Walter M.	do.	305.33	
Willett, Frank C.	do.	410.00	
Woods, Neil E.	do.	365.33	
Altman, Harry L.	Messenger boy, at \$360.	360.00	
Balsler, Lewis F.	do.	240.00	
Becker, Max.	do.	276.00	
Brock, Arthur M. F.	do.	120.00	
Brooks, John W.	do.	270.00	
Bush, Carl L.	do.	240.00	
Catterall, Albert A.	do.	196.00	
Caughron, Alva C.	do.	50.00	
Childress, Raleigh N.	do.	253.00	
Connor, Eugene C.	do.	120.00	
Cost, Ray M.	do.	39.00	
Couls, Sidney W.	do.	30.00	
Dakin, Seelye C.	do.	111.00	
Diehl, Edgar M.	do.	150.00	
Donnelly, John E., jr.	do.	141.00	
Dowling, Clare F.	do.	39.00	
Evans, Thomas C.	do.	105.00	
Evans, Willie W.	do.	45.00	
Finch, J. Leslie.	do.	15.00	
Geiger, John W.	do.	66.00	
Gray, George W.	do.	46.00	
Greene, Charles L.	do.	136.00	
Grubb, William B.	do.	179.00	
Hansen, Harry B.	do.	60.00	
Henderson, Ralph C.	do.	329.00	
Hennessey, Benjamin F.	do.	30.00	
Kauhl, Herman A.	do.	120.00	
Krogle, Edward	do.	49.00	
Labovich, William M.	do.	30.00	
Lasley, James T.	do.	105.00	
Layton, Frank D., jr.	do.	195.00	
McCoy, Lyle	do.	266.00	
Muir, Charles C.	do.	270.00	
Nichols, Benjamin S.	do.	75.00	
Norris, Kenneth D.	do.	66.00	
Plumb, Walter W.	do.	73.00	
Reichwein, Albert B.	do.	24.50	
Rice, Harry A.	do.	66.00	
Robinson, Ernest L.	do.	58.00	
Sanzenbacher, Walter J.	do.	130.00	
Saunders, Lyman G.	do.	314.00	
Scholz, Richard H.	do.	51.00	
Simpson, Claude F.	do.	73.00	
Stillwell, John W.	do.	85.00	
Swanson, Edwin W.	do.	75.00	
Tait, George W.	do.	300.00	
Thompson, Albert E.	do.	156.00	
Welsner, John A.	do.	30.00	
Wells, Sylvan A.	do.	60.00	
Whetsell, Robert L.	do.	36.00	
Williams, Edward J.	do.	104.00	
Wilson, Rufus E.	do.	106.00	
Boucher, Charles M.	Station agent, at \$300.	300.00	\$8.00
Brooks, Eva M.	do.	300.00	
Lovett, George L.	do.	75.00	
Adams, George B.	Student assistant, at \$300.	5.00	
Brand, A. Arnold, jr.	do.	174.17	
Kearns, Hal T.	do.	242.50	
Killian, William	do.	300.00	
Murdoch, Raymond L.	do.	288.33	
Pindell, Clara D.	do.	300.00	
Scarr, James B.	do.	253.33	



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stewart, Harry E.	Student assistant, at \$300	\$300.00	
Taylor, Leslie F.	do.	300.00	
Webb, Roy G.	do.	205.00	
Wilkins, John W.	Unskilled laborer, at \$240	128.67	
Robeson, James W.	Evaporation observer, at \$5 per day	1,455.00	\$54.10
Pinkham, Chester A.	Evaporation observer, at \$3 per day	939.00	
White, Horace B.	do.	612.00	
Spragins, Melville E.	Evaporation observer, at \$2 per day	522.00	
Stumph, August.	do.	496.00	
Furbee, Charles A.	Printer, temporary, at \$4.40 per day	30.80	
Jetter, John C.	Printer, temporary, at \$3.75 per day	7.50	
Nichols, A. B.	Printer, temporary, at \$3.17 per day	63.34	
Garrison, Lloyd	Printer, temporary, at \$3 per day	54.00	
Leach, Albert B.	do.	10.50	
Vorpahl, R. H.	do.	12.00	
Chase, James E.	Printer, temporary, at \$2 per day	22.00	
Keul, Gottfried P.	do.	56.00	
Rowe, E. C.	Assistant observer, temporary, at \$2.50 per day	7.50	
Boyer, Rosalie S.	Assistant observer, temporary, at \$2 per day	44.00	
Brieschke, Erich	do.	76.00	
Davies, Charles	do.	14.00	
Doherty, William H.	do.	24.00	
Grasse, Harriet R.	do.	12.00	
Hardy, William E.	do.	38.00	
Harvey, Elizabeth	do.	8.00	
Jesunofsky, Ida F.	do.	106.00	
Kalvelage, A. Gardner	do.	8.00	
Le Baron, Gilbert	do.	6.00	
Ressegieu, Fred W.	do.	30.00	
Shawhan, Hubbard W.	do.	29.25	
Spann, Ransom D.	do.	3.00	
Swanson, Ernest T.	do.	26.00	
Scholz, Richard H.	do.	13.00	
Fowler, J. E.	Fireman, at \$2 per day	70.00	
Barnes, Clifford S.	Repairman, temporary, at \$2 per day	68.00	
Tuttle, Earl W.	do.	42.00	
Ward, Raymond W.	do.	90.00	
Woodhouse, John F.	do.	52.00	
Castor, Bernal O.	Messenger, temporary, at \$1.50 per day	24.00	
Bennett, Roberta A.	Assistant observer, temporary, at \$1.50 per day	10.50	
Pape, Herman J.	Assistant observer, temporary, at \$1.33½ per day	4.00	
Craddock, Frank C.	Assistant observer, temporary, at \$1.25 per day	37.50	
Cross, Horace Weeks	Student assistant, temporary, at \$1 per day	13.00	
Bailey, Percival C.	Messenger, temporary, at \$1 per day	4.50	
Baker, Arthur L.	do.	52.00	
Becker, Max	do.	5.00	
Brooks, John W.	do.	10.00	
Buchanan, Harold	do.	3.00	
Bush, Carl L.	do.	21.00	
Chevalier, Henry G.	do.	17.00	
Compton, Clare	do.	34.00	
Cost, Ray M.	do.	9.00	
Couls, Sidney W.	do.	13.00	
Davis, Elnathan F.	do.	9.00	
Diehl, Edgar M.	do.	55.00	
Diehl, Roy M.	do.	27.00	
Elptrom, William B.	do.	5.00	
Elton, Hyrum	do.	2.00	
Eppert, Albert M.	do.	4.50	
Evans, Thomas C.	do.	21.00	
Fry, Sumner E.	do.	14.00	
Geel, Ida Ross	do.	26.00	
Geiger, John W.	do.	17.00	
Gray, George W., Jr.	do.	4.50	
Grunwald, Will F.	do.	20.00	
Havens, Glen	do.	6.00	
Hussman, Frank D.	do.	17.00	
Lasley, James T.	do.	13.00	
McLeary, Henry A., Jr.	do.	6.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (station salaries), \$620,750"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mills, John F. Gordon	Messenger, temporary, at \$1 per day	\$3.00	
Murphy, Frank C.	do.	15.00	
Nichols, Benjamin S.	do.	13.00	
Norris, Kenneth D.	do.	12.00	
Oates, Joseph H.	do.	1.00	
Robinson, Ernest L.	do.	8.00	
Robinson, Harry T.	do.	5.00	
Robinson, Jesse C.	do.	20.00	
Rogers, Roy J.	do.	43.00	
Schwartz, William B.	do.	8.00	
Seibold, Earl J.	do.	10.00	
Shaw, Heber E.	do.	30.00	
Squires, Roland.	do.	8.00	
Stillwell, John W.	do.	13.00	
Swanstrom, Harry.	do.	22.00	
Thompson, Albert E.	do.	20.00	
Trevor, Ernest.	do.	13.00	
Vogt, Francis.	do.	16.00	
Wald, Walter M.	do.	14.00	
Woods, Raymond.	do.	36.00	
Zuernemann, Harry B.	do.	22.00	
Hazen, John M.	Messenger, temporary, at 50 cents per day	2.75	
Butler, Eric.	Telegraph operator, at \$10 per month	16.67	
Total.		594,881.08	

Total amount of appropriation.....\$620,750.00

Total expenditures under above groups.....617,096.31

Unexpended balance.....3,653.69

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500" (original subappropriation of \$91,000 increased by the transfer of \$500 from investigations and substitutions).

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Addressograph Co.	\$2.60	Clapp, A. H.	\$3.30
Ambrose Printing Co.	1.65	Clarke Co., R. P.	5.40
American Lead Pencil Co.	42.70	Clarke Woodward Drug Co.	8.71
Andrews Paper Co., R. P.	996.85	Coe Brothers.	3.75
Arleigh & Co. (Ltd.), A. B.	3.75	Columbia Ribbon & Carbon Manufacturing Co.	93.40
Augusta & Gilman.	5.50	Conkey, Geo. S.	1.00
Babbitt Bros.	1.25	Cosmopolitan Drug Store.	3.45
Baker-Trisler Co.	2.45	Crocker Co., H. S.	2.25
Ballantyne, R. Carter.	163.87	Cunningham, Arch.	19.50
Bell Book and Stationery Co. (Inc.).	2.55	Dameron-Pierson Co. (Ltd.).	10.85
Bingham, R. H.	2.00	Davison & Co., H. C.	164.28
Brown & Power (Inc.).	4.70	Devils Lake Drug Co., The.	1.00
Burford, Wm. B.	38.95	Dezell, R. B.	1.05
Burroughs Adding Machine Co.	13.25	Dietzgen Co., Eugene.	2.40
Burrows Bratters Co., The.	2.45	Dixon Crucible Co., Joseph.	158.40
Bushong & Co.	4.20	Dodge, J. T.	.20
Burton & Skinner Stationery Co.	4.80	Drew Co., The H. & W. B.	1.75
Carters Ink Co., The.	146.00	Eagle Pencil Co.	6.90
Carter & Co. (Inc.), John.	30.00	Eastman-James Co.	3.60
Cearley, C. D.	2.60	Eckhardt Bros.	2.50
Central Ohio Paper Co.	5.00	Fairservice, A.	.80
Chamberlain-Taylor Co.	2.75		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Stationery—Continued.</i>	
Fetter Co., Geo. G.	\$2.75	Webster Co., F. S.	\$9.25
Finck Stationery Co., The F. J.	3.00	Weltmer, Jacob	4.50
Fitzwilliam & Co. (Ltd.), T.	1.50	Western Pennsylvania Paper Co.	38.90
Gill Co., The J. K.	1.50	Williston Drug Co.	2.00
Graham & Co., John W.	3.40	Yawman & Erbe Manufacturing Co.	52.25
Griffin Sample Co., The.	1.90		
Haines, W. H.	3.00	Total	8,484.86
Hall Stationery Co.	5.60		
Hamilton Drug Co.	2.55	<i>Miscellaneous supplies, etc.</i>	
Harger & Blish.	2.90	Aberdeen Stores	35.80
Harshe, W. E.	2.35	Abilene Light & Water Co.	35.10
Heiskell & Co., P. H., jr.	18.90	Abilene Sewer Co.	4.50
Hoskins Co., William H.	3.20	Abilene Steam Laundry Co.	1.50
Jacquin & Co.	2.55	Abita Spring Water Co. (Ltd.)	24.80
Jefferson, George H.	1.00	Acorn Brass Manufacturing Co.	1.20
Keller Ink Co., The Robert.	2.50	Aqueducto de San Juan.	6.15
Lester Book & Stationery Co.	3.00	Adams Art & Stationery Co.	16.00
Libby and Williams Paper Co.	4.30	Adams Co., E. B.	20.72
Library Bureau.	23.65	Adams Stamp & Seal Co., S. G.	1.50
Lincoln, C. O.	3.40	Addressograph Co.	972.85
Lindemeyer, Philip.	336.25	Abern, J. T.	2.75
Lindenmeyr & Sons, Henry.	28.50	Albaugh & Pickering.	1.00
Logan, E.	5.00	Albright Fowler Co.	2.85
Lord Baltimore Press (Inc.), The.	2,074.23	Alexander, James H.	2.00
Loring, Short & Harmon.	2.40	Alsted-Kasten Co.	3.50
Lowe & Bro., H. P.	1.40	Amarillo Water, Light & Power Co.	53.53
Lund & Co., B. J.	3.80	American District Telegraph Co., The.	81.00
McCloy & Co., A. W.	1.00	American Ever Ready Co.	1.00
McNeil, H. H.	4.50	American Laundry Co.	6.00
Marshall-Jackson Co.	32.37	American Linen Supply Co.	12.00
Mathers-Lamm Paper Co.	319.79	American Multigraph Sales Co., The.	292.10
Megeath Stationery Co.	4.00	American Society of Civil Engineers.	4.50
Merrin & Co., J. K.	1.65	American Type Founders Co.	1,158.74
Meyer & Shalheimer.	4.40	Ames & Macpherson.	4.50
Miller & Sons Paper Co., T. G.	2.40	Anderson, Alexander.	9.85
Mientross & Clarke Co.	1.65	Andres, T.	16.00
Muth & Co., Geo. F.	8.98	Andrews Jergens Co., The.	3.50
Neidick Process Co. (Inc.).	5.68	Andrews Paper Co., R. P.	570.00
Neostyle Co.	438.90	Anniston Water Supply Co.	19.59
Office Equipment Co.	1.60	Aquos Distilled Water Co.	18.35
Office Supply Co.	4.05	Arkansas Electric Co.	2.00
Old Dominion Paper Co.	13.18	Armour & Co.	179.07
Palace Drug Co., The.	1.00	Arnold & Wetherbee.	16.10
Parkin-Longley Co.	3.00	Artesian Ice Co., The.	3.40
Pillot Co., Teolin.	9.03	Ashby, W. T.	10.50
Pitcher, E. H.	113.90	Atlantic City Gas Co.	1.50
Roberts & Horwarth.	2.50	Atlantic City Sewerage Co., The.	10.00
Rockwell, Charles F.	144.21	Atlantic Refining Co., The.	1.38
Rounsevell, A. H.	4.00	Augusta & Gilman.	13.30
Schmidt, Fred A.	124.93	Austin, Cleland.	8.00
Shipman's Sons, Asa L.	2.64	Avery, E. J.	3.00
Smythe, A. H.	1.95	Babbitt Bros.	1.75
Stafford Drug Co.	1.75	Badger, G. J.	1.00
Stevenson & Foster Co.	1.60	Baier, Frank W.	3.00
Stewart Co., W. K.	2.30	Baldwin, James R.	1.90
Stockett-Fiske Co., The.	4.95	Ball, C. C.	6.76
Stott Co., Chas. G.	31.56	Ball Watch Co., The Webb C.	1.50
Stowe, A. J.	1.50	Ballantyne, R. Carter.	127.20
Swayze, Bailey & Co.	74.55	Ballantyne & Sons, Wm.	18.30
Swayze, W. L.	967.19	Bancroft, D. B.	2.00
Swift, F. B.	6.75	Banks & Co., F. S.	18.75
Thompson & Co., L. O.	4.50	Baptist, Frank.	2.40
Tichenor, George B.	3.50	Barber & Ross.	139.20
Tower, D. A.	80.47	Barco, Bailey.	2.00
Townsend & Wyatt Dry Goods Co.	.90	Barden Electric & Machinery Co.	85.00
Tribune-Reporter Printing Co.	5.75	Barker, P. C.	6.00
Underwood Typewriter Co.	8.33	Barnard, Fred.	3.50
Union Envelope Co.	224.60	Barnes Co., W. F. & John.	1.35
United States Envelope Co.	762.65	Barnett, W. S.	29.00
Universal Supply Co.	17.79	Barnhardt Bros. & Spindler.	141.10
Valley Paper Co.	379.50	Barnhardt Type Foundry Co.	73.27
Vaughan & Morrill Co.	3.00	Baroco, Joseph.	7.75
Vickery & Co.	7.25	Barstom, W. G.	3.00
Vosburgh & Whiting Co.	14.45	Bassett & Co., The John E.	4.25
Wagemaker Co. (Ltd.).	2.92		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Baumgarten Co., Herman.....	\$139.71	Campbell Furniture Co.....	\$40.00
Baumgarten & Sons Co., J.....	44.56	Canton Electric Light & Power Co.....	14.69
Bausch & Lomb Optical Co.....	44.75	Canton Water Works.....	1.50
Bardslee Chandelier Manufacturing Co.....	93.66	Capital Ice & Storage Co., The.....	5.20
Beck, J. Frank.....	12.00	Capital Vacuum Cleaner Co.....	127.50
Beckman, E. W.....	12.00	Capitol Electric Engineering Co.....	30.00
Beechwood Ice Co., E. G.....	5.00	Capitol City Furniture Co.....	17.50
Belden Manufacturing Co.....	8.26	Carpenter, C. O.....	18.00
Bell, James A.....	2.50	Carpenter Co., The W. B.....	2.55
Benson, Carpenter & Co.....	20.75	Carr, A. M., The W. B.....	6.00
Benson, Martin A.....	14.00	Carre, Wm.....	5.00
Berlith, F. M.....	5.40	Carroll Electric Co.....	60.50
Bewley, Lylburn H.....	1.50	Carroll, John.....	7.50
Beygeh Engraving Co.....	3.50	Cartagena y Jimenez.....	12.00
Blays Co., T. A.....	1.40	Cassell Co., A. G.....	11.45
Bigelow & Sons Co., The T. L.....	10.10	Caswell Co., Howard M.....	2.40
Bilings & Fralick Cleaning Co.....	7.00	Chandler, E. G.....	2.40
Bingham Bros. Co.....	2.50	Chandler & Price Co., The.....	17.70
Bingham's Son Manufacturing Co., Sam'l.....	21.30	Chapman, Frank.....	1.50
Bingham & Runge.....	6.25	Chapman & Co., Geo. J.....	2.00
Binghamton Book Manufacturing Co.....	22.20	Charles City Gas Co.....	49.00
Binghamton Electric Construction Co.....	6.75	Charles City Lighting & Heating Co.....	2.60
Birmingham Water Works Co.....	24.94	Charles City Water Works.....	11.00
Blackburn, I. J.....	25.00	Chattanooga Transfer Co.....	4.00
Black Co., D. R.....	5.60	Chesapeake Supply Co.....	117.71
Blair, Lena L.....	4.50	Cheyenne Steam Laundry.....	1.45
Blaisdell, F. G.....	36.00	Childs, A. T.....	4.20
Blauvelt, Henry.....	5.00	Childs & Co., S. D.....	1.50
Block, H. P.....	7.50	Chilver, Chas. J.....	9.00
Blodgett Co., The G. S.....	2.75	Chinn, H. W.....	15.00
Blue Line Transfer Co.....	33.18	Christie Lithograph & Printing Co.....	1.00
Bluemont Milling Co. (Inc.), The.....	354.21	Church, W. A. H.....	442.30
Board of Public Works (Sault Ste. Marie, Mich.).....	14.00	Citizens Bank of Norfolk, Va.....	3.00
Bogne Lead Co., The.....	3.91	Citizens Transfer Co.....	1.00
Boker & Co., Hermann.....	1.60	City Gas Co. of Norfolk.....	30.00
Bolgiano & Co., F. W.....	5.95	City Hardware Co.....	22.50
Boltz, John.....	8.00	City Ice Delivery Co., The.....	19.57
Bond, W. A., Jr.....	2.50	City of Abilene, Tex.....	6.00
Bonson, C. M.....	3.00	City of Bentonville.....	20.05
Boone Mueller Hardware Co.....	20.50	City of Burlington.....	16.93
Bosch Co., Henry.....	2.00	City of Columbia, S. C.....	14.73
Bowers Bros.....	123.31	City of Duluth.....	10.50
Brachlow Bros., Machine Co.....	1.00	City of Havre.....	47.10
Bradley Co., The.....	51.07	City of Iola.....	18.34
Brady, J. M.....	15.00	City of La Crosse.....	19.00
Brandon Printing Co.....	5.00	City of Lewiston.....	18.00
Brawley, S. J.....	1.25	City of Richmond.....	8.20
Brentano's.....	32.40	City of Sheridan.....	15.00
Broadwater, Pepin & Broadwater.....	10.25	City of Thomasville, Ga.....	21.23
Brooks, T. H.....	7.50	Clark, B. H.....	6.30
Brooks, W. M.....	240.00	Clark, C. F.....	.50
Brossard, H. A.....	9.75	Clark & Gibby Co. (Inc.).....	7.50
Brower & Co., C. F.....	1.00	Clarke & Co., James.....	11.40
Brown Co., C. B.....	7.00	Clarke Co., R. P.....	74.55
Brown Paint Co., F. M.....	1.60	Clarkson, W. D.....	9.20
Brown & Saenger.....	2.25	Clear Bauer Dray Line.....	5.00
Brunswick Refrigerating Co., The.....	67.39	Cleveland Co., L. W.....	1.05
Buchert, C. E.....	3.00	Clifford, Margaret.....	12.00
Buckley, John W.....	95.13	Clow & Co., W. E.....	3.00
Buffalo Steam Pump Co.....	4.00	Cole Co., E. B.....	3.16
Buhne Co., H. H.....	1.75	Cole Co., The H.....	2.16
Burch & Kleps.....	88.80	Colorado Loan Office.....	5.00
Burnett, A. C.....	5.90	Colt Co., J. B.....	3.00
Burroughs Adding Machine Co.....	182.02	Columbian Engraving Co.....	4.00
Burrow, Martin, & Co.....	5.00	Commonwealth Edison Co.....	4.26
Burrows Co., The E. T.....	152.00	Concord Ice Co.....	5.00
Burton & Son, R. C. M.....	12.59	Consolidated Sales Co. (Inc.).....	47.95
Bush-Krebs Co. (Inc.).....	11.59	Consumers Co., The.....	30.00
Butler Paper Co., J. W.....	3.00	Consumers Ice Co. (Grand Rapids, Mich.).....	18.00
Butterfield Bros.....	3.00	Consumers Ice Co. (Scranton, Pa.).....	12.75
California Ink Co.....	6.50	Consumers Ice & Cold Storage Co. (Key West).....	17.85
Callahan, John J.....	7.13	Consumers Ice & Cold Storage Co. (Lexington, Ky.).....	5.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Copeland Co., M. G.	\$1,838.50	Eimer & Amend	\$12.20
Cornell Engraving Co.	10.00	Elbert, H. W.	5.00
Coston Signal Co. (Inc.)	143.25	Electric Storage Battery Co., The	96.75
Cotter Jewelry Co., Owen	4.50	Electric White Diamond Water Co.	52.00
Covington, A. C.	3.00	Elkins Laundry	6.00
Coyle, Chas. A. (Inc.)	17.50	Elliott, John G.	210.00
Cramer, Casper M.	4.00	Ellis & Sons, B. H.	5.00
Cramer Dry Plate Co., G.	2.50	Ellis, Charles E.	3.07
Crane, Thomas S.	16.00	Ellis, W.	24.00
Crimmins, J. T.	2.50	Ellis, W. W.	12.75
Crismond, A. B.	1.00	El Paso Ice & Refrigerator Co.	17.50
Crocker & Co., H. S.	7.72	Elston Packing & Storage Co.	1.50
Crossett, Drew	1.00	Engineering Association of the South	35.00
Crown Oil & Wax Co.	7.84	Ergood Co., J. C.	1.43
Crystal Ice Co., The	10.00	Espey, John B.	144.35
Crystal Water Co.	22.25	Ex, David L.	5.25
Cunningham, Curtiss & Welch	2.50	Fairbanks Co., The	3.20
Cunningham, Joseph D.	10.00	Fairservice, A.	47.90
Currah, J. C.	5.00	Farrell, Wm.	9.25
Currie Co.	1.10	Faust, John	117.72
Currier, C. C.	6.00	Ferguson, J. A.	1.00
Curry's Sons Co., William	75.38	Ferguson, Neil	2.50
Curtis, J. H.	24.60	Ferrin, E. B.	1.50
Cushman, J. A.	2.75	Pink, F. B.	3.00
Cushman & Ward	15.20	Finlay Bros. & Waymouth Trading Co.	29.99
Daly & Co., Daniel	8.10	Finlay & Robb	8.00
Daniels, James	.50	Fitzpatrick Co., C. E.	1.20
Davis, C. D.	5.50	Fitzsimmons & Co., James	10.00
Decker, Ed., jr.	1.00	Fleming, R. A.	5.00
Defnet, F. J.	10.00	Fleming Trading Co. (Ltd.)	4.50
Dehnel Co., The Henry	1.00	Polwartshny, John A.	1.60
Democrat Printing & Litho. Co.	3.00	Fowler, Annes L.	7.00
Dent, James E.	40.00	Fowler Bros.	13.00
Denver Watch Case Manufacturing Co.	3.00	Fowler, Ed. F.	3.25
de Rosset, R. C.	5.00	Fowler Co., J. P.	10.00
Derryberry & Forbes.	14.20	Fowler Manufacturing Co. (Inc.)	12.00
Detroit United Railway	5.00	Foye, H. W.	4.00
Deuscher Co., The H. P.	16.15	France, Joseph S.	2.00
Devere Electric Co., The	5.93	Franklin & Co.	9.00
Devils Lake Improvement Co.	25.00	Frederick & Nelson	4.75
Dewitt, Oliver	7.75	Freed Furniture & Carpet Co.	2.00
Diercks, C. H.	9.50	French & Bassett	6.28
Dietzgen Co., Eugene	1.36	French & Welch Hardware Co.	17.00
Direct West India Cable Co. (Ltd.)	.61	Fresno Consumers Ice Co.	14.98
Dixon Crucible Co., Joseph	.80	Fretz, J. K.	2.25
Dodge City Mercantile Co.	56.00	Fretz, W. E.	2.00
Dodge, J. T.	1.95	Friez, Julien P.	97.50
Dodge City Telephone Co.	1.00	Fuller & Co., W. P.	4.99
Dolan Teaming Co., John F.	3.00	Fulwiler Electric Co.	23.70
Dom Supply Co., The G. C.	12.30	Gale & Co. (Inc.), W. W.	7.50
Doubleday-Hill Electric Co.	11.70	Gallihier & Bros. (Inc.), W. T.	38.48
Dow, M. C.	2.35	Garfinkle, M.	.75
Doyle, Thomas F.	6.00	Gay, Edward P.	3.50
Drake, E. H.	5.00	Geary, John P.	135.00
Drew, W. J.	5.00	Gebhardt, Morrow & Co.	15.00
Dubuque Cabinet Makers Association	1.30	Geher & Son	1.30
Duhamel-Ackerman Co.	3.75	General Cartage & Storage Co., The	27.35
Dulin & Martin Co. (Inc.)	91.20	General Electric Co.	37.69
Duluth Edison Electric Co.	.96	Gether Co., C. R.	22.27
Duluth Van & Storage Co.	27.00	Gilbert, Fred E.	1.70
Duncan, James R.	10.00	Gilberts Decorative Glass Works	92.00
Dunn, W. S.	3.00	Gill Co., The J. K.	3.50
De Perow, M.	23.64	Gilman, Z. D.	13.93
Duquesne Towel & Supply Co.	3.00	Gimbel Bros.	5.50
Dye, J. B.	19.20	Glick, E. L.	4.00
Easterling, W. F.	3.00	Globe Engraving & Electrotpe Co.	1.05
Eastern Towel Supply Co.	6.00	Globe Printers Roller Co.	2.50
Easthampton Rubber Thread Co.	120.40	Goble, Pratt & Robbins	13.00
Eastman Kodak Co.	66.25	Goldsmith Bros.	1.25
Eaton, E. R.	2.10	Good Mfg. Co.	13.94
Eberly's Sons, A.	134.05	Gowan & Pickford	2.10
Eckenbrecht, H. F.	1.50	Graden Mercantile Co., The	2.50
Economy Clean Towel Supply Co.	10.35	Graham, George D.	3.50
Edmondson, Henry V.	6.00	Grammes & Sons, L. F.	219.00
Eiler's Piano House	1.00	Grand Rapids Electrotpe Co.	2.38



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Granulator Soap Co.....	\$4.08	Jefferson, George H.....	\$4.50
Gravel Springs Co.....	20.00	Jenks & Son, W. S.....	7.80
Graves, Leland J.....	4.00	Jewell & Collander.....	4.00
Gray & Sons (Inc.), Peter.....	30.63	Johnson & Co., Chas. Eneu.....	\$835.00
Great Western Smelting & Refining Co.	3.83	Johnson Mfg. Co., C. I.....	302.70
Great Western Type Foundry.....	60.48	Johnston, Chas.....	24.38
Greene Co., The W. E.....	4.45	Johnston, C. B.....	5.00
Gregory, Mayer & Thom Co.....	11.75	Johnston, Chas. S.....	8.12
Griffin Sample Co., The.....	2.95	Jones & Isham.....	1.00
Grimes, R. B.....	35.28	Jones, I. J. S.....	4.90
Groot, J. H.....	12.00	Jones, W. R.....	18.00
Grube, Wm. P.....	4.00	Josten Hardware Co.....	7.10
Gulf City Furniture Co.....	2.00	Jouvenat Hardware Co., The.....	1.75
Gurney, Charles.....	3.00	Joy Furniture & Undertaking Co.....	148.00
Hager Bros. Co. (Ltd.).....	47.25	Joyce Eng. Co., The Maurice.....	226.11
Hazy Waste Works, The J. Milton.....	195.00	Kaden, J. M.....	1.00
Hall, Jas. L.....	38.60	Karsner, J. H.....	5.50
Hall Stationery Co., The.....	12.15	Kaufman, Theodore D.....	5.00
Hall Co., W. A.....	1.45	Kealy-McFadyen Co.....	4.05
Hall, W. C.....	2.00	Keller Ink Co., The Robert.....	3.75
Hamilton Drug Co.....	.95	Kelley, Otto.....	50.00
Hammel Dry Goods Co.....	3.50	Kelley Engraving Co., S. J.....	19.00
Hammond, J. Ernest.....	14.29	Kellogg & Son, M. V.....	1.50
Hand, Joseph K.....	2.00	Kempinski, S. J.....	2.50
Hannan, James S.....	6.75	Kendall Co., J. B.....	24.75
Hansen, Louis.....	1.25	Kerpel, Louis.....	35.00
Harms, W. A.....	6.00	Kerr Hardware and Implement Co.	
Harris Automatic Press Co., The.....	8.34	(Ltd.).....	2.25
Hartford & Spring Brook Ice Co.....	14.00	Keuffel & Esser Co.....	5.69
Hartig, Louis.....	10.45	Keystone Brass Co.....	4.67
Hartman, D. H.....	3.00	Keystone Type Foundry (Atlanta,	
Harvey, Sarah.....	3.00	Ga.).....	22.70
Havre Drug Co.....	3.30	Keystone Type Foundry (New York,	
Havre Electric Co.....	1.35	N. Y.).....	189.85
Hawes Bros.....	12.00	Keystone Type Foundry (Philadel-	
Hay Sons, H. H.....	1.15	phia, Pa.).....	1,048.84
Hayden, Jas. B.....	1.25	Key West Electric Co., The.....	23.55
Hearn & Co., J. M.....	1.90	Kidwell, J. I.....	9.00
Heiskell & Co., P. H., jr.....	40.99	Kieswetter Co., The Jos. F.....	4.00
Henderson & Co., Peter.....	5.00	Kimball-Storer Co.....	2.00
Hendey Machine Co., The.....	46.45	Kimball Van & Storage Co.....	3.00
Henry, L. J.....	67.75	Kindel, Geo. J.....	8.00
Henry Linotyping Co., Thos. P.....	2.35	King-Browning Hardware Co.....	22.90
Hermann & Sons, R.....	3.70	King & Metzger.....	3.50
Herron, Frank.....	1.00	Kirschbaum, A. F.....	3.80
Hershey, Jos.....	1.50	Kluckhuhn & Bro.....	10.05
Hesser, J. W.....	.25	Knight, F. L.....	6.00
Hetzler Bros.....	3.65	Knowles, Thomas M.....	260.00
Hewett, Josephus.....	6.00	Knox Express Co., The Geo. W.....	168.91
Hindman, Wm.....	1.50	Koehler Mfg. Co., The Henry L.....	6.00
Hoen & Co., A.....	2.90	Kraft Co., C. L.....	6.82
Hoke Engraving Plate Co.....	5,123.95	Kramer & Co., C. J.....	3.00
Holtzer-Cabot Electric Co., The.....	86.60	Kranzusch, A. A.....	24.00
Home Furnishing Co.....	16.00	Krause, G. C.....	4.50
Honolulu Photo Supply Co.....	16.18	Krenkel, Frank.....	2.00
Hope, William W.....	7.75	Lacey & Co.....	6.15
Hopkins & Witty.....	2.50	Lamb & Tilden.....	235.75
Horstman Co., Wm. H.....	677.30	Lambie Co. (Inc.) James B.....	842.99
Howard, C. E. C.....	14.00	Lamson Consolidated Store Service Co.	
Howe Bros.....	98.54	Landis, J.....	1.50
Howerton, J. A.....	5.00	Lansburgh & Bro.....	5.20
Hudson & Co., J. L.....	2.25	Lansing Fuel and Gas Co.....	30.00
Hughes Co., Ed. S.....	64.20	Lansing Tent & Awning Co.....	30.00
Humphrey, R. L.....	4.00	Lawrence, Harry V.....	11.00
Huron Ice Co., The.....	5.63	Leet Bros.....	1.20
Illinois District Telegraph Co.....	60.00	Leshner, J. H.....	4.00
Independent Electric Co.....	1.50	Lewis & Conger.....	18.20
Ineeda Laundry and Dye Works.....	9.00	Lewiston Electric Supply Co.....	7.65
Inland Type Foundry.....	14.89	Libby & Co., T.....	2.88
Iszard-Warren Co. (Inc.).....	280.00	Lietz Co., The A.....	2.21
Ithaca Street Railway Co.....	15.20	Lindemeyer, Philip.....	320.10
Ivey, E. C.....	10.50	Lindenmeyr & Sons, Henry.....	3.24
Ivory, A. E.....	8.65	Link, Lawrence.....	18.64
Jacobs, E. A.....	5.00	Little, C. B.....	44.00

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Little Long Co., The.....	\$1.50	Montross & Clark Co.....	\$1.80
Little Rock Towel Supply Co.....	12.00	Moon Book and Stationery Co.....	1.50
Lone Star Ice Factory.....	11.80	Mooney, Thomas.....	17.40
Long's Towel Supply.....	12.00	Morris Bros. & Co.....	1.25
Lord & Poll.....	8.00	Morrow-Thomas Hardware Co.....	5.15
Lorick & Bro., Lee A.....	7.40	Morton, A. E.....	12.00
Loring & Co. (Inc.).....	16.10	Morton & Son Co., James.....	1.30
Loudoun Valley Milling Co. (Inc.).....	234.84	Moses & Sons, W. B.....	48.12
Louisville Printers' Roller Co.....	2.70	Mosley, J. W.....	5.00
Lount, W. B.....	20.00	Moss, W. Z.....	2.50
Lowdermilk & Co., W. H.....	3.20	Mott, John A.....	5.70
Lund & Co., B. J.....	27.00	Moyer, T. J.....	5.50
Lutz & Co. (Inc.).....	12.50	Mull, N. W.....	7.00
Lyall & Henderson.....	1.75	Municipio de San Juan.....	7.75
Lyons, J. W.....	5.00	Munson Belting Co., Chas.....	22.09
McComb, Frank.....	3.92	Murphy & Co. (Inc.), E. J.....	202.09
McCormick & Bates.....	2.00	Muth & Co., Geo. F.....	285.36
McEldowney, Z. C.....	3.00	Nanson, A.....	5.00
McEwens Steam Laundry.....	14.40	National Electrical Supply Co.....	241.84
McGraw, James.....	36.50	National Lead Co.....	4.19
McInnes, David.....	3.25	National Window Cleaning Co. (Inc.).....	6.75
McKay, A.....	137.00	Nawrath, J. P.....	1,091.65
McKenna Bros. Brass Co.....	3.30	Neff, B. F.....	1.75
McKeough, F. M.....	3.00	Negus, Richmond A.....	1.50
McLaughlin, J. M.....	17.00	Neostyle Company.....	615.20
McLaughlin Draying Co.....	2.00	Netherton, R. L.....	3.25
McLean, McMillen & Co.....	1.00	Nevada Advertising Co. (Inc.).....	5.00
McNab & Smith.....	.30	Nevada Transfer Co.....	10.00
McPhee, W. A.....	1.00	New York Maritime Register, The.....	77.50
McRae, Geo. F.....	25.00	Nichols, Wm. N.....	3.00
Macglashan, H. S.....	9.00	Niemeier & Kisteumacher.....	1.30
Mack Carpet & Rug Co.....	12.50	Noakes Bros.....	1.50
Mackall Bros.....	163.89	Norfolk and Portsmouth Traction Co.....	25.50
Maigne Co., O. J.....	6.75	Norman & Greuner Co., The.....	13.06
Malbon, P. J.....	22.05	Norris Bros.....	32.16
Mallitz, R. C.....	1.05	North Dakota Lumber Co.....	6.27
Manhattan Electrical Supply Co.....	44.26	North Platte Gas & Electric Co.....	3.80
Manly Office Supply Co.....	2.70	North Platte Water Works Co.....	22.55
Manor, W. A.....	5.76	Northern Electrical Co.....	119.40
Manson Hardware Co.....	7.15	Northern Idaho and Montana Power Co.....	33.00
Marine Journal Co.....	8.16	Northwestern School Supply Co.....	3.45
Marine Review, The.....	1.16	Norton, Chas. M.....	42.55
Masters, F. M.....	4.50	Novelty Machine Works.....	2.50
Matthews, W. B.....	1.00	Nowlan, Co., The.....	2.00
Maupin, Robert.....	3.75	Office of The Chief Signal Officer.....	77.40
Maverick-Clark Lithograph Co.....	2.00	Office Supply Co.....	9.25
May & Sons, R.....	5.00	Ogden & Son, George.....	5.75
Meekins & Co., T. S.....	1.80	Oklahoma Railway Co.....	50.00
Merchants' Delivery Co.....	9.70	Okonite Co., The.....	155.00
Merchant & Evans Co.....	7.71	Oliver, Henry W., Estate of.....	25.49
Merchants' Exchange, The.....	9.50	Oliver Typewriter Co., The.....	867.68
Merriam Co., G. & C.....	25.50	Oleson, O. M.....	1.00
Metropolitan Engraving Co.....	9.00	Omaha Towel Co.....	12.00
Michael, A.....	3.25	Oregon Transfer Co.....	1.50
Michigan Woodwork Co.....	96.30	Oregonian Publishing Co.....	4.00
Mickens, John.....	1.85	Orr Transfer Co., J. B.....	3.25
Midland Water, Light & Ice Co.....	41.44	Osburn & Bro., C. H.....	3.05
Milhollin, Wm.....	3.95	Oshanna, Theo.....	2.50
Miller, Carl.....	1.50	Owen, Ralph.....	16.00
Miller, John A.....	2.00	Pacific Metal Works.....	14.75
Miller, John G.....	2.00	Pacific Paper Co.....	4.90
Miller, W. G.....	19.00	Pacific Printers' Supply Co.....	1.50
Miller & Co., Walter R.....	4.00	Pacific Sales Co., The.....	4.25
Milhollin Bros.....	.50	Page Bros.....	8.20
Milwaukee Printers' Rollers Co.....	4.50	Paine Manufacturing Co., The.....	57.00
Milwaukee Towel Supply Co.....	12.00	Paine Furniture Co.....	5.50
Missouri District Telegraph Co.....	15.00	Palestine Ice, Fuel, Gin Co.....	3.02
Mitchell, Stewart.....	2.00	Palmer & Co. (Ltd.), E. C.....	11.72
Mize, E. M.....	1.50	Palmer and Laughlin.....	3.00
Model Laundry and Dye Works.....	12.00	Pantlind Spring Water.....	10.00
Model Laundry Towel Supply Co., The.....	6.00	Pargoe, T. J.....	10.00
Mollitor, J. D.....	3.25	Parish, Russel W.....	2.50
Monarch Typewriter Co., The.....	342.05	Parker Clock Co., The.....	52.50
Montague & Co., W. W.....	5.40		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriations "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Parker & Son Co., Frank A.....	\$38.50	Rochester Electric Motor Co.....	\$124.75
Parker Paper Co., J. C.....	2.90	Rodgers Engraving Co.....	22.00
Parks, R. E.....	3.00	Rose & Co., John.....	19.50
Parish, Erickson, Hardware and Fur- niture Co.....	61.00	Rose & Co., John H.....	53.00
Pash, Oscar A.....	9.50	Ross, Charles R.....	171.26
Patrick & Co.....	1.50	Ross Hardware & Supply Co., The.....	5.50
Pavarini & Wyne (Inc.).....	10.00	Rowe & Bradford.....	2.60
Pearson, Richard.....	24.15	Rowell Co., Robert.....	1.50
Pearson & Letzig.....	2.00	Royal Typewriter Co.....	486.00
Peasley Transfer Co.....	1.75	Rudge & Guenzel Co.....	6.58
Peasley Transfer & Storage Co.....	1.00	Rudolph & West Co.....	117.05
Peerless Hand Laundry.....	5.20	Rugenstein, Chas. F.....	21.00
Peerless Rubber Manufacturing Co.....	9.36	Ryan & Hart Co., The.....	4.35
Pender Grocery Co., D.....	4.50	Ryans, Moses.....	2.40
Peoples Ice & Fuel Co.....	7.25	St. Joseph Water Co.....	10.25
Peoria Water Works Co.....	34.30	St. Louis Printers Supply Co.....	6.65
Peterson C.....	4.35	St. Louis Suburban Express Co.....	13.74
Pettee & Co., W. J.....	6.50	St. Louis Toilet Supply Co.....	12.00
Philadelphia Upholstering & Carpet Cleaning Co.....	11.13	St. Louis Transfer Co.....	25.44
Photographic Material Co., The.....	3.84	Salamonsky, B. F.....	5.00
Pierce Bros. & Co.....	37.20	Salt Lake Engraving Co.....	2.00
Pillot Co., Teolin.....	18.33	Salt Lake Hardware Co., The.....	16.89
Pinder, Thomas L.....	10.00	Salt Lake Stamp Co.....	44.65
Pioneer, Electrical Supply Co.....	5.00	Salt Lake Transfer Co.....	20.00
Piper, H. P.....	1.50	Sankey, C. J.....	3.00
Pitcher, E. H.....	26.80	San Pedro, Los Angeles, & Salt Lake R. R. Co.....	6.00
Pittsburgh Rubber Co.....	4.05	Scarborough Co., E. W.....	2.00
Pittsburgh Transfer Co., The.....	65.00	Schmidt, Fred A.....	203.25
Plain Dealer Publishing Co.....	5.30	Schneider, R. C.....	7.50
Polar Wave Ice & Fuel Co.....	15.30	Schoedinger, Marr Co., The.....	6.90
Porto Rico Power & Light Co.....	2.56	Schweinle & Monroney.....	1.60
Post Office Book Store, The.....	2.55	Schwein Stove Co., August.....	11.45
Potomac Electrotype Foundry.....	135.06	Scribners Sons, Charles.....	.96
Powers Photo Engraving Co.....	13.12	Seattle Electric Co., The.....	13.50
Prentiss Tool & Supply Co.....	2.20	Seattle Lighting Co.....	15.00
Price, H. H.....	6.60	Seigenthaler, R. P.....	5.90
Providence Ice Co.....	7.90	Sellers, W. P.....	10.10
P. S. Mills & Timber Co.....	12.75	Senter & Co., William.....	3.00
Pueblo Novelty Works.....	2.75	Shaw, E. E.....	34.20
Puget Sound Mills & Timber Co.....	9.00	Shaw Electric Co.....	16.50
Pullman, E. J.....	29.70	Shaw, Richard A.....	40.00
Purnell, W. F.....	1.60	Sheldon, L. S.....	1.50
Putnam's Sons, G. P.....	2.00	Sheridan Electric Light & Power Co.....	1.00
Quaker City Stencil & Stamp Works (Inc.).....	264.50	Sheridan Plumbing & Heating Co.....	3.50
Quayle, Larsen Co.....	1.25	Ship Owners & Merchants Tug Boat Co.....	780.00
Radcliffe, Geo. B.....	101.50	Shoemaker & Busch.....	411.35
Ramsay, Wm.....	5.00	Shoemaker & Co., Joseph L.....	28.00
Rand, McNally & Co.....	1.20	Shull, Richard.....	7.50
Rasner & Dinger Co.....	2.50	Siedle & Son (Inc.), R.....	3.00
Rau, John C.....	36.92	Sinclair & Valentine.....	12.35
Ray & Co., G. G.....	1.20	Sjoblom, Victor.....	4.00
Ray Manufacturing Co., W. T.....	6.20	Sloane, W. & J.....	4.00
Record Oil Refining Co.....	2.10	Smith & Adams.....	23.75
Redington Company, F. B.....	5.00	Smith & Co., Bradner.....	20.64
Redman Moving & Storage Co.....	6.00	Smith, E. E.....	2.97
Reed Tandler Co., The.....	4.25	Smith, George S.....	1.10
Reedy, Thomas.....	1.75	Smith, Herman O.....	2.00
Reid, H. P.....	23.50	Smith Premier Typewriter Co.....	259.95
Reilly, Hugh.....	61.60	Smith, Thomas W.....	24.14
Reliable Transfer Co. (Inc.).....	1.39	Smithsonian Institution, The.....	16.00
Remington Typewriter Co.....	369.48	Snedecar, H. T.....	12.00
Reno Ice Delivery Co.....	10.55	Snyder Jewelry Co.....	3.00
Rhodes & Beard.....	7.25	Somers, Fittler & Todd Co.....	9.53
Richmond Type & Electrotype Foun- dry.....	14.95	Somers Lumber Co.....	1.00
Rigby & Wilson.....	15.50	Somerville Co., Thomas.....	62.62
Rising & Radcliffe.....	2.50	Sorensen, Peter.....	210.00
Roberts Telephone & Electric Co., The.....	1.00	Southern Bell Telephone & Telegraph Co.....	1.50
Robertson-Cataract Co.....	10.00	Southern Ice Co., The.....	2.50
Robinson, Nelson & Co.....	76.75	Southern Printers Supply Co.....	886.50
Roche & Co., J. R.....	2.60	Southern Typewriter Exchange.....	5.00
Rochester Carting Co.....	13.50	Southwestern Manufacturing Co.....	3.95
		Southwestern Telegraph & Telephone Co., The.....	.75



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Spaulding & Bros., A. G.	\$10.00	United States Post Office Department.	\$3.20
Spotswood, H. M.	8.55	Utah Printing Ink & Roller Co.	3.75
Sprague Electric Co.	2.20	Utah Typewriter Exchange Co.	9.00
Springfield Water Works.	18.91	Vail, C. I.	12.00
Stafford Engraving Co.	6.65	Van Benthysen, Charles & Sons.	4.95
Stahl & Son, J.	19.80	Van Bibber Roller Co.	5.55
Standard Gas and Electric Co.	1.00	Van Schaak, Robert H.	47.25
Standard Oil Co.	403.58	Vance Co., A. B.	4.50
Standard Steam Laundry.	6.00	Virginia-Carolina Supply Co.	2.43
Stanley, A.	3.50	Vorpahl, R. H.	6.40
Stebbins Hardware Co.	3.60	Wagner, Ferd.	2.30
Stechert & Co., G. E.	142.33	Wakefield Water Co.	35.00
Steele, W. S.	22.50	Wallace, Barnes Co.	1.40
Stephens, D. M.	3.00	Wanamaker, John, New York.	4.50
Stevens, Edward.	126.00	Wannacomet Water Co.	17.50
Stewart, T. M.	8.34	Wanner & Co., A. F., (Inc.)	279.50
Stewart Co., W. K.	2.75	Ward, Matt.	5.00
Stocker Machinery Co., The H. A.	17.50	Ward, W. A.	19.00
Stockett Fiske Co., The.	24.75	Warner, L.	292.65
Stoelting Co., C. H.	1.15	Washburn & Son, W. W.	56.15
Stover Engine Works.	19.56	Washington Post Co., The.	2.25
Stowe, A. J.	5.00	Water department of Atlantic City, N. J.	30.24
Stradler & Co., Chas.	4.88	Waterbury Battery Co.	2,287.50
Stratton Ice Works.	7.00	Watson, George, sr.	9.00
Strauss Co.	4.50	Watt, S. V.	7.00
Stringfellow, H. W.	12.00	Weatherly Co., The.	2.75
Stubbs Electrical Supply Co., O. B.	2.80	Weed Parson Printing Co.	1.92
Suesz, Otto J.	5.00	Weil, J. B.	3.00
Sullivan Oil Co.	1.50	Wellman Bros. Co. (Inc.)	6.00
Sulpice, L. F.	2.50	Weltmer, Jacob.	1.00
Sunset Publishing House.	9.65	Western Electric Co.	16.40
Swayze, Bailey & Co.	163.25	Western Newspaper Union.	113.13
Swayze, W. L.	3.65	Western Union Telegraph Co., The.	54.00
Sweeney, J. M.	6.00	Westinghouse Electrical & Manufacturing Co.	20.93
Sweeting, A. W.	1.05	Westinghouse Mach. Co.	9.00
Swift, F. B.	5.00	Westinghouse Storage Battery Co.	2.25
Talbot & Hubbard.	17.50	Westlake, A. T.	1.00
Tampa Harness & Wagon Co.	7.50	Weston Electrical Instrument Co.	25.50
Taylor, Josephine.	1.50	Wheeling Register, The.	4.20
Taylor Co., N. & G.	25.90	Whitall Tatum Co.	4.05
Technical Publishing Co.	2.00	White Company, The.	11.00
Terrell-Hedge Co.	3.00	White, Fred J.	25.44
Tharp, Victor A.	5.50	Whitmore, A. O.	4.35
Thiemeyer Co., J. H.	302.10	Wicklander, Avel.	3.25
Thomas, J. N. & C. N.	1.50	Wiegand, Martin.	4.10
Thompson, B. S.	3.05	Wiegel, D. W.	5.00
Thompson, Frank W.	5.16	Wilburn, W. L.	3.00
Thompson, H. A.	2.85	Wild & Stevens.	7.90
Thompson, Wm.	2.25	Wiley & Sons, John.	8.00
Thorp Machine Co., T. J.	3.00	Wiley, W. M.	853.04
Tibbals, L. S.	95.00	Wilkes, Edgar W.	4.00
Tichenor, George E.	21.25	Williams & Charlebois.	4.00
Times-Mirror Co., The.	5.00	Williams, D. H.	37.20
Timothy Dry Goods Co.	2.60	Williams & Paxton.	3.50
Titus Bros.	2.25	Williams Towel Supply Co.	9.00
Tonopah Sewer & Drainage Co.	36.00	Willoughby, L. F.	5.35
Tonopah United Water Co.	101.45	Wilson, J. & R. (Inc.)	3.00
Tooker, Ed. S.	2.25	Wilson, Libbie.	6.00
Topham, James S.	367.50	Wind, Chris P.	7.00
Town of Flagstaff.	12.00	Winnemucca Mercantile Co. (Inc.)	63.00
Townsend & Wyatt Dry Goods Co.	16.90	Wolf, Chas. W.	14.50
Treman King & Co.	1.90	Wolfson, Louis.	17.00
Tripp & Son, D. H.	2.00	Wood, Geo. S.	37.60
Troy Laundry Co.	6.00	Wood Plumbing & Roofing Co.	5.78
Tucker, J. C.	15.20	Woodward & Lothrop (Inc.)	102.44
Twaddle, E.	10.00	Woodwell Co., Joseph.	1.75
Twin City Printers Roller Co.	1.60	Wright, W. G.	5.00
Typewriter Hospital.	3.60	Wrighton, Thos. F.	41.00
Typewriter & Office Supply Co.	22.40	Wyatt Transfer, Clarence.	63.50
Underwood Typewriter Co.	228.18	Yates & Co. (Inc.)	27.05
Union Electric Light & Power Co.	1.50	Yawman & Erbe Mfg. Co.	26.00
Union Ice Co., The.	36.50	York Engineering Co. (Inc.)	7.25
Union Transfer Co.	63.41		
United States Department of Agriculture.	78.25		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture—Continued.</i>	
Young Building Co. (Ltd.), Alexander	\$36.00	Payne & Co., T. H.	\$52.75
Young, B. R.	6.00	Pensacola Crockery Co.	7.25
Zander, C. Z. A.	4.50	Raymond Furniture Co.	75.30
Zellerbach Paper Co.	3.50	Rhodes & Son Furniture Co., A. G.	70.00
Zenith Furnace Co.	1.90	Robson Bros. Carpet Co.	48.75
Zions Cooperative Mercantile Institution.	5.85	Rucker-Fuller Desk Co.	23.60
Total.	45,007.01	Shepard Co., The.	20.00
<i>Furniture.</i>		Shoemaker & Co., Joseph L.	52.00
Adler, Leopold.	19.80	Sloane, W. & J.	361.70
Armstrong Furniture Co.	26.50	Smith, Percy.	37.80
Asheville Carpet House.	40.00	Sydnor & Hundley (Inc.).	40.50
Atlee-Terhune Co.	73.50	Sobel, M.	9.00
Austin, Cleland.	35.00	Solomon Furniture Co.	3.50
Baker Office Furniture Co.	10.00	Southern Printers Supply Co.	799.15
Bank of Tehama County.	67.00	Stewart & Sons Co., J. M.	39.00
Beck & Cole Co.	123.25	Stowers Furniture Co.	24.64
Brady Carpet & Drapery Co., The.	3.00	Straus, Percy S.	9.45
Broadwater, Pepin & Broadwater.	87.00	Strawbridge & Clothier.	13.50
Buck, M. J. & B. M.	137.75	Tall & Gibbs (Inc.).	49.50
Carpenter Co., The W. B.	7.50	Walker-Mulligan Furniture Co.	4.50
Cheney & Co., R. D.	28.25	Wanamaker, John.	263.75
City Furniture Store.	28.75	Watkins, Geo. W.	175.00
City Furniture Co.	39.50	Weigel Furniture & Carpet Co.	85.50
Clark & Gibby (Inc.).	221.37	Williams, D. H.	45.00
Cobb, Geo. W., jr.	3.00	Willis-Smith-Crall Co. (Inc.).	15.00
Corpus Christi Furniture Co.	26.75	Winnemucca Mercantile Co (Inc.).	6.60
Cunningham, Arch.	31.40	Woodward & Lothrop (Inc.).	522.88
Cunningham, Curtis & Welch Co.	201.50	Yawman & Erbe Manufacturing Co.	98.00
Derby Desk Co.	18.50	Total.	8,431.54
Dobbs Furniture Co., The.	64.50	<i>Fuel.</i>	
Donnels, Steinmetz (Inc.).	83.12	Amarillo Grain & Coal Co.	105.00
Eastman-James Co.	16.00	American Ice Co.	102.50
Elliott Electric Co.	23.00	Atchison & Williams.	22.00
Feeny Furniture & Stove Co.	11.80	Bay, W. W.	55.45
Freed Furniture & Carpet Co.	54.50	Beeson, Wm.	64.00
Freedman, Edward O.	17.25	Benson Carpenter Co.	33.45
Gleason Mercantile Co.	3.60	Birge, W. W.	99.57
Globe Wernicke Co., The.	3.50	Bridger Coal & Improvement Co.	78.38
Griffin Sample Co., The.	39.00	Burch & Son, W. H.	8.00
Grote-Rankin Co.	50.00	Burch Wood Yard.	16.00
Gulf City Furniture Co.	6.50	Cash Coal Co.	155.50
Hall, George A.	62.00	Clark & Devine.	76.00
Hammock, P. H.	30.47	Clearwater Fuel Co.	42.00
Harger & Blish.	20.75	Clemens & Co.	199.50
Haswell Furniture Co.	49.85	Columbia Ice & Fuel Co.	2.95
Hatch & Co., C. P.	256.25	Consumers Ice & Coal Co.	203.00
Hax Furniture Co., The Louis.	40.00	Cowan, Kenneth.	18.75
Henshaw & Sons Co., The G.	241.00	Cushen Coal Co.	161.89
Hoeke, W. H.	46.00	East Lansing Coal Co.	65.48
Home Furnishing Co.	220.59	Etheridge, A. H.	60.18
Horne Co., Joseph.	14.00	Frisco Coal Co.	42.50
Jones Carpet Store.	2.50	Goldberg, Jacob.	4.00
Jorgensen-Blesch Co.	90.00	Griffin Sample Co., The.	9.00
Jurgens Son, Chas. G.	9.30	Hansen Coal & Ice Co.	211.45
Levy Brothers Dry Goods Co.	65.50	Havre Coal Mining Co.	140.00
Library Bureau.	3.00	Hawes & Co., S. H.	94.70
Lindsay & Morgan.	118.53	Hawkins Bros.	115.00
Little & Co., John H.	33.00	Halbrok, Aug.	59.94
Lowman & Hanford Co.	32.00	Iddings Co., The C. F.	48.00
Lucas Co., A. W.	22.50	Ives & Smith.	44.85
Lyon Furniture Co., W. Parker	65.24	Ives-Smith Coal Co.	85.16
McElveen Furniture Co.	33.85	Jefferson, George H.	35.00
Macey Co., The.	5.10	Jones, S. L.	41.00
Marston, George W.	22.00	Keltner, James.	60.00
Miller Bros. Co.	2,287.30	Krupp, Edward.	19.25
Moses & Sons, W. B.	16.20	La Crosse Gas & Electric Co.	71.72
Murray, J. T.	9.35	Larson, John A.	243.31
Muth & Co., Geo. F.	5.00	Lewiston Fuel & Transfer Co. (Ltd.).	108.00
Oldenburg-Krippner.	16.00	Logan, R. H.	120.00
Otsego Chair Co., The.	18.55	McAllister Coal Co.	108.80
Outlet Co.		Miller, W. S.	75.00
		Morrison, J. F.	112.40

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Fuel—Continued.</i>		<i>Freight—Continued.</i>	
Mulligan, Jas.	\$23.00	Cleveland, Akron & Columbus Ry. Co.	\$0.28
Norfolk Coal & Ice Co.	126.88	Cleveland, Cincinnati, Chicago, & St. Louis Ry. Co.	41.13
Northwestern Fuel Co.	198.45	Colorado Midland Ry. Co.	19.18
Norwich University.	12.50	Cranberry Lake R. R. Co.	1.11
O'Neil Lumber Co.	47.15	Davies, Turner & Co.	4.50
Pacific Coast Coal Co.	116.25	Delaware & Hudson Co.	10.36
Palmetto Ice Co.	97.05	Delaware, Lackawanna & Western R. R. Co.	25.09
Peninsula Bark & Lumber Co.	3.50	Denver & Rio Grande R. R. Co.	106.41
Perry Lumber Co.	121.55	Detroit & Mackinac Ry. Co.	4.87
Phoenix Wood & Coal Co.	26.00	Detroit & Toledo Shore Line R. R. Co.	.97
Presley, J. S.	20.00	Duluth, South Shore & Atlantic Ry. Co.	18.28
Rogers, B. H.	109.10	Eastern Carolina Transportation Co.	2.33
Rollinson, W. H.	100.00	Eastern Steamship Co.	4.25
Rusk, Robert C.	181.35	Erie Railroad.	4.62
Singlaub, J. J.	16.00	Escanaba & Lake Superior R. R. Co.	3.71
Smith, E. E.	108.60	Evansville & Terre Haute R. R. Co.	2.14
Smith, W. O.	15.96	Florida East Coast Ry. Co.	10.78
Smoot & Co. (Inc.), W. A.	1,089.43	Fraser & Kelly.	1.19
Springfield Light, Heat & Power Co.	170.51	Galveston, Harrisburg & San Antonio Ry. Co.	8.92
Stange, William	45.00	Galveston, Houston & Henderson R. R.	3.69
Steik, Gass.	66.90	Grand Rapids & Indiana Ry. Co.	.78
Stoltze, F. H.	229.51	Grand Trunk Ry. of Canada.	2.88
Stormont, D.	32.00	Great Northern Ry. Co.	35.96
Switzer, Lew.	47.50	Gulf & Ship Island R. R. Co.	2.61
Thomasville Ice & Manufacturing Co.	25.00	Illinois Central R. R. Co.	52.61
Thurston & Eldredge.	7.00	Illwaco R. R. Co.	9.13
Tonopah Lumber Co.	5.00	International Fidelity Co.	4.00
Wachter, G. C.	14.00	International & Great Northern R. R. Co.	60.19
Wakefield Lumber Co.	124.80	Lake Shore & Michigan Southern Ry. Co.	3.03
Washburn, D. W.	1.00	Louisville & Nashville R. R. Co.	65.66
Washburn Lignite Coal Co.	30.52	Michigan Central R. R. Co.	24.37
Western Fuel Co.	102.00	Missouri, Kansas & Texas Ry. Co., of Texas.	52.35
Wilkes, Wh. Co.	175.00	Missouri Pacific Ry. Co.	30.42
Williams, John.	7.00	Mobile & Ohio R. R. Co.	2.33
Williams, John.	39.33	Nashville, Chattanooga & St. Louis Ry. Co.	4.00
Wilkes, H. F.	134.00	New Bedford, Marthas Vineyard & Nantucket Steamboat Co.	1.84
Zander, C. Z. A.	61.75	New Orleans & Northeastern R. R.	1.42
Ziegler, J. Thomas	49.00	New York Central & Hudson River R. R. Co.	38.09
Total.	7,198.27	New York, New Haven & Hartford R. R. Co.	29.24
<i>Freight.</i>		New York & Porto Rico Steamship Co.	1.13
Alabama & Vicksburg Ry.	1.88	Norfolk & Southern R. R. Co.	1.97
Atchison, Topeka & Santa Fe Ry. Co.	187.17	Norfolk & Washington Steamboat Co.	7.55
Atlanta & St. Andrews Bay Ry.	2.88	Norfolk & Western Ry. Co.	.87
Atlantic Coast Line R. R. Co.	37.09	Northern Pacific Ry. Co.	230.42
Baltimore & Ohio R. R. Co.	122.70	Oceanic S. S. Co.	2.51
Baltimore & Ohio Southwestern R. R. Co.	.85	Oregon R. R. & Navigation Co.	35.28
Bangor & Aroostook R. R. Co.	.78	Oregon Short Line R. R. Co.	42.02
Blue Line Transfer Co.	.51	Paris & Great Northern R. R. Co.	1.93
Boston & Albany R. R.	2.73	Peninsular & Occidental S. S. Co.	19.43
Boston & Maine R. R.	13.40	Pennsylvania Co., The.	1.21
Boulton, Bliss & Dallett.	3.63	Pennsylvania R. R. Co.	75.30
California & Oregon Coast Steamship Co.	1.63	Pere Marquette R. R. Co.	.51
Central of Georgia Ry. Co.	1.14	Philadelphia & Reading Ry. Co.	.37
Central Vermont Ry. Co.	14.16	Pittsburg, Cincinnati, Chicago, & St. Louis Ry. Co.	1.08
Charleston & Western Carolina Ry. Co.	2.10	Pittsburg & Lake Erie R. R. Co.	3.92
Chesapeake & Ohio Ry. Co.	39.10	Richmond, Fredericksburg & Potomac R. R. Co.	14.12
Chicago & Alton R. R. Co.	.42	Roscoe, Snyder & Pacific Ry. Co.	1.77
Chicago, Burlington & Quincy R. R. Co.	200.53	St. Louis & San Francisco R. R. Co.	44.26
Chicago & Eastern Illinois R. R. Co.	.42	St. Louis Southwestern Ry. Co. of Texas.	9.87
Chicago, Milwaukee & Puget Sound Ry. Co.	1.72	San Antonio & Aransas Pass Ry. Co.	13.65
Chicago, Milwaukee & St. Paul R. R. Co.	33.38		
Chicago & Northwestern Ry. Co.	52.92		
Chicago, Rock Island & Pacific Ry. Co.	34.84		
Chicago, St. Paul, Minneapolis & Omaha Ry.	24.28		
Cincinnati, New Orleans & Texas Pacific Ry. Co.	9.95		



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Gas and electricity—Continued.</i>	
San Pedro, Los Angeles & Salt Lake R. R. Co.	\$15.77	Escanaba Municipal Lighting Plant.	\$19.61
Schubach-Hamilton Steamship Co.	3.56	Flagstaff Electric Light Co.	30.00
Seaboard Air Line Ry.	40.91	Galveston Gas Co.	37.80
Southern Pacific Co.	239.99	Grand Rapids Edison Co.	12.00
Southern Railway Co.	204.48	Grand Rapids Gas Light Co.	8.15
Spokane, Portland & Seattle Ry. Co.	22.37	Havre Electric Co.	60.00
Star Union Line.	51.59	Helena Light & Railway Co.	63.80
Straits Steamship Co.	9.79	Holton Power Co.	20.60
Tallulah Falls Ry. Co.	1.44	Houghton County Electric Light Co.	29.71
Tennessee Central R. R. Co.	2.10	Hughes Electric Co.	64.55
Texas & Pacific Ry. Co.	32.56	Indianapolis Light & Heat Co.	36.00
Toledo, Peoria & Western Ry. Co.	.89	Key West Electric Co.	54.25
Tonopah & Goldfield R. R. Co.	11.39	La Crosse Gas & Electric Co.	237.38
Union Pacific R. R. Co.	23.05	Lansing Fuel & Gas Co.	13.88
United States War Department.	250.46	Lewiston-Clarkston Co.	33.51
Vandalia R. R. Co.	2.16	Lincoln Traction Co.	33.65
Wabash R. R. Co.	23.08	Little Rock Railway & Electric Co.	4.73
Washington Southern Ry. Co.	2.95	McGowan, Small & Morgan, Grantees.	1.75
Western Maryland Ry. Co.	.50	Marshall-Jackson Co.	33.05
Western Ry. of Alabama.	2.17	Masonic Temple Construction Co.	45.00
Williamsport & North Branch R. R. Co.	.62	Michigan Power Co.	11.43
Wichita Falls & Southern Ry. Co.	1.88	Midland Water, Light & Ice Co.	25.80
Wichita Valley Ry. Co.	1.80	Minneapolis Gas Light Co.	14.30
Wilmington Transportation Co.	.25	Minneapolis General Electric Co.	12.00
Total.	2,939.75	Municipal Gas Co.	18.00
<i>Express.</i>		Narragansett Pier Electric Light & Power Co.	39.45
Adams Express Co.	335.01	Nashville Gas Co.	46.10
Southern Express Co.	12.03	Nashville Railway & Light Co.	15.00
United States Express Co.	345.62	Nevada-California Power Co.	60.00
Total.	692.66	New Haven Gas Light Co.	7.23
<i>Gas and electricity.</i>		New Orleans Gas Light Co.	40.16
Abilene Gas Light, Fuel & Power Co.	13.50	Nicholas Building Co.	25.84
Abilene Light & Water Co.	24.79	North Platte Electric Light & Power Co.	8.70
Abilene Gas Co.	8.00	North Platte Gas & Electric Co.	36.90
Albany Electric Illuminating Co.	18.00	Northern California Power Co.	6.00
Amarillo Gas Co.	52.35	Northern Idaho & Montana Power Co.	48.00
Amarillo Water, Light & Power Co.	48.75	Norwich University.	9.00
Anniston Electric & Gas Co.	66.20	Oklahoma Gas & Electric Co.	239.39
Asheville Electric Co.	15.56	Pacific Gas & Electric Co.	21.80
Atlantic City Electric Co.	66.70	Palestine Electric & Ice Co.	12.00
Binghamton Light, Heat & Power Co.	2.99	Peoria Gas & Electric Co.	84.70
Birmingham Ry., Light & Power Co.	70.74	Philadelphia Co.	5.86
Blaisdell, F. G.	60.80	Porto Rico Power & Light Co.	50.30
Brush Electric Light & Power Co.	18.00	Potter, Fannie.	12.00
Burlington Light & Power Co.	62.78	Providence Building Co.	59.12
Banton Electric Light & Power Co.	16.07	Quartermaster's Department, United States Army.	26.87
Cape May Illuminating Co.	46.35	Reno Power, Light & Water Co.	2.60
Cape May Light & Power Co.	15.81	Rochester Railway & Light Co.	10.48
Charles City Gas Co.	24.90	St. Joseph Gas Co.	10.20
Charles City Lighting & Heating Co.	28.50	St. Joseph Railway, Light, Heat & Power Co.	23.15
Charleston Consolidated Ry., Gas & Electric Co.	26.55	Sault Ste. Marie Gas & Electric Co.	14.40
Citizens' Gas, Electric & Power Co.	50.40	Scarritt Estate Co.	12.90
City of Bentonville.	57.20	Seattle Lighting Co.	10.88
City of Duluth.	51.12	Sheridan Electrical Light & Power Co.	34.30
City of Iola.	51.36	Springfield Gas Light Co.	18.30
City of Richmond.	10.80	Springfield Light, Heat & Power Co.	53.40
City of Thomasville, Ga.	48.10	Standard Gas & Electric Co.	20.70
Columbia Electric Street Ry., Light & Power Co.	45.24	State University, Lexington, Ky.	12.00
Del Rio Electric Light & Ice Co.	10.00	Stewart, John S.	40.00
Devils Lake Improvement Co.	78.88	Village of Northfield, Vt.	8.38
Duluth Edison Electric Co.	89.12	Virginia Railway & Power Co.	20.30
Durango Gas & Electric Co.	30.36	Total.	3,357.28
Edison Sault Electric Co.	80.00	<i>Apparatus, instruments, and laboratory material.</i>	
		Friez, Julien P.	30.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910, miscellaneous expenses, \$91,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Printing and binding.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Ambrose Printing Co.....	\$1.25	Evans, Edward A.....	\$66.29
Jackson & Son, A. W.....	31.50	Fallon, Wm. H.....	4.55
Jacobs & Holmes.....	13.50	Fassig, Oliver L.....	110.06
Mississippi Printing Co.....	2.00	Felger, George W.....	2.25
Peterson Linotype Co.....	3.89	Feld, George F.....	7.65
Schwarz, Wm.....	1.00	Fisher, L. C.....	5.43
Walshall, Elbert G.....	3.00	Fisher, Ray L.....	11.00
Wendlandt Bros. & Co.....	4.00	Frise, H. A.....	12.95
Total.....	60.14	Fuller, Merton L.....	33.71
<i>Traveling and station and field expenses.</i>		Fuller, William D.....	15.90
Alciatore, H. F.....	32.15	Geren, Harry O.....	7.20
Alexander, W. H.....	6.81	GitTINGS, E. B., jr.....	13.80
Alps, Henry F.....	13.75	Glenn, S. W.....	21.05
Arnington, John H.....	12.81	Gosewisch, Fred Z.....	6.70
Ashenberger, Albert.....	6.85	Grant, R. Q.....	12.70
Bailey, Wayland.....	6.65	Grasse, H. W.....	8.30
Baldwin, Harrison McP.....	7.10	Gray, James J.....	25.55
Barron, W. E.....	13.45	Green, W. H.....	23.05
Bassler, S. S.....	2.05	Grimes, George E.....	14.25
Bauer, J. W.....	8.05	Grover, John.....	8.55
Beals, Edward A.....	77.36	Guthrie, Leon J.....	5.85
Belden, W. S.....	30.05	Hackett, Sumner.....	3.30
Bell, Aaron H.....	2.50	Hadley, Olin M.....	11.77
Bell, William.....	12.75	Hardinge, R. M.....	7.70
Bennett, W. J.....	9.01	Hart, Howard G.....	1.72
Bliss, George S.....	30.05	Hass-Hagen, George.....	2.85
Blystone, M. E.....	19.03	Hayden, J. C.....	2.00
Blair, William R.....	100.06	Hayes, Montrose W.....	22.85
Blythe, W. T.....	8.93	Hazen, John S.....	6.85
Bonnett, W. E.....	14.20	Henry, A. J.....	168.17
Boucher, Chas. M.....	8.00	Holcomb, Howard K.....	10.45
Boyer, H. B.....	4.72	Hooper, John K.....	20.72
Brand, Al.....	6.55	Howe, Henry C.....	9.05
Brandenburg, F. H.....	51.63	Hyatt, R. J.....	6.50
Brennan, J. F.....	2.61	Hyle, Chas. A.....	11.90
Brown, Edward A.....	6.07	Jennings, T. B.....	16.67
Buell, Allen.....	7.60	Jermin, Frank.....	12.09
Bunnemeyer, B.....	83.64	Jesunofsky, L. N.....	18.09
Burns, Alexander G.....	14.05	Jones, Edward P.....	3.70
Burns, Wm. G.....	52.35	Jones, Harris A.....	23.55
Byram, John W.....	3.50	Jones, James.....	3.00
Calvert, E. B.....	.90	Judkins, Levi A.....	33.60
Carpenter, Ford A.....	20.40	Kadel, Benjamin C.....	4.50
Cavanagh, William C.....	11.65	Kelliher, J. J.....	5.70
Chappel George M.....	20.75	Kenealy, James.....	4.32
Church, Verne H.....	42.81	Landis, D. S.....	11.95
Cline, I. M.....	12.29	Lane, N. D.....	9.85
Cline, Joseph L.....	16.25	Lehman, William F.....	38.20
Cole, H. S.....	10.35	Lindley, Robert T.....	15.73
Connor, P.....	62.10	Ling, C. W.....	2.40
Conway, M. E.....	6.11	Linney, Charles E.....	29.59
Cowdrick, Howard B.....	8.50	Loveland, G. A.....	20.57
Cox, Henry J.....	1.00	McAdie, Alexander G.....	75.90
Cronk, J. W.....	3.40	McDowall, G. W.....	6.05
Cunningham, N. M.....	8.00	McLean, John J.....	12.90
Currier, W. S.....	5.30	Magrum, Albert F.....	13.20
Cuthbertson, David.....	51.93	Martin, W. V.....	4.04
Daingerfield, L. H.....	1.60	Miller, E. R.....	6.62
Demain, Edward R.....	5.01	Mitchell, A. J.....	20.62
Denson, Lee A.....	45.83	Mitchell, Charles L.....	2.35
Devereaux, W. C.....	34.73	Mitchell, W. A.....	8.35
Dey, Luther M.....	15.91	Mize, R. C.....	12.00
Dick, H. B.....	6.75	Moery, Otto E.....	4.85
Doherty, C. J.....	23.05	Montgomery, Frank.....	10.30
Dorman, Louis.....	13.45	Murphy, D. C.....	2.95
Drinkwater, Alpheus.....	2.86	Neifert, William W.....	25.90
Dudley, Wm. M.....	16.23	Newsom, J. F.....	17.83
Eddey, George W.....	9.93	Nimmo, E. H.....	1.65
Emery, E. H.....	90.09	Norquest, C. E.....	14.70
Emery, S. C.....	17.16	Noyes, G. Harold.....	6.52
Emigh, E. D.....	10.45	Nunn, Roscoe.....	32.69
Eshleman, C. H.....	4.02	Oberholzer, G. R.....	11.25
		Olds, W. J.....	3.25
		Palmer, W. S.....	40.26
		Parker, Orin.....	5.75

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (miscellaneous expenses), \$91,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Traveling and station and field expenses—Continued.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Patrick, Henry R.	\$1.85	Stubbs, Martin B.	\$31.30
Pennywitt, Henry	18.22	Sullivan, Richard H.	14.60
Piercy, J. C.	5.15	Summers, M. B.	2.10
Pindell, L. M.	30.00	Sutton, L. G.	10.45
Purssell, U. G.	25.35	Tait, Wm. G.	2.55
Rasmussen, M.	5.06	Tarr, Leonard M.	64.71
Rasmussen, W.	3.88	Taylor, T. R.	10.59
Rawle, W. A. R.	.59	Thiessen, A. H.	57.63
Reed, C. D.	3.73	Thomas, W. W.	15.60
Reed, William F., jr.	12.00	Thompson, C. D. C.	13.40
Reeder, George.	25.79	Thompson, E. C.	20.58
Richardson, H. W.	36.35	Todd, George T.	4.38
Roberts, Orris W.	66.22	Townsend, Theodore F.	10.00
Robinson, M. A.	.60	Tuttle, Earl W.	3.40
Row, Edwin E.	2.50	von Herrmann, C. F.	25.45
Ryker, J. N.	6.46	von Ostermann, Geo. F.	4.34
Sager, George V.	9.18	Voorhees, J. F.	28.05
Salisbury, G. N.	23.16	Vose, E. C.	16.65
Sanford, M. R.	19.44	Waldron, B. L.	9.65
Scarr, James H.	183.75	Walz, F. J.	16.24
Schneider, C. F.	43.90	Weeks, John R.	19.47
Schoppe, W. J. A.	1.25	Wells, Edward L.	10.60
Scott, J. H.	39.21	West, R. C.	1.95
Seeley, Dewey A.	24.49	Widmeyer, James I.	2.50
Sherier, Julius M.	4.95	Wiesner, Abe.	9.49
Sherry, B. J.	5.67	Williams, John R.	8.50
Simons, W. U.	2.80	Willson, G. H.	12.31
Slaughter, J. P.	62.91	Wilson, G. N.	5.10
Smith, J. Warren	13.84	Wilson, Wilford M.	1.90
Smyth, P. H.	4.33	Wollaber, Arthur B.	104.15
Spencer, James H.	8.34	Wood, Charles S.	14.05
Spindler, Harvey H.	11.83	Wright, Marsden.	7.30
Stewart, Charles.	8.33	Wurtz, Geo. B.	9.20
Stewart, William P.	37.05	Young, R. F.	56.25
Stockman, William B.	8.00		
Strong, Charles M.	17.43	Total.	3,925.25

Total amount of appropriation	\$91,500.00
Total expenditures under above groups	80,196.76
Unexpended balance	11,303.24
Repayment to credit of appropriation	4.00
Net unexpended balance	11,307.24

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (instruments, etc.), \$31,900." (Original subappropriation of \$30,000 increased by transfer of \$500 from traveling expenses and \$1,400 from investigations and substations.)

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Adams, Jerome Q.	\$8.00	Bachetler, Lundley P.	\$45.00
Albaugh & Pickering	7.25	Baker & Co. (Inc.)	2.15
Allen, Doane & Co.	3.61	Balduck, Charles	10.00
Alley & Dwyer	87.00	Barber & Ross	190.00
Allmendinger, J. M.	25.00	Barrett, James J.	3.00
Alsted-Kasten Co.	5.50	Bausch & Lomb Optical Co.	12.98
American Ever Ready Co.	7.10	Bean, L. L.	3.00
Andres, T.	17.00	Berger & Co., A. A.	84.00
Andrews, A. C.	7.00	Beseman & Bostwick	2.10
Arosin, O. H.	3.00	Binz Monumental Works, Philip	163.10
Artes, Chas. F.	5.50	Birdsall & Mills	55.00



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (instruments, etc.), \$31,900"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bison Storage Battery Co.....	\$10.80	Etheridge, Jno. B.....	\$3.00
Blackburn, I. J.....	1.25	Eureka Boiler Works.....	41.50
Block, Edward.....	16.50	Farnham, Henry A.....	2.50
Blount, A. H.....	1.65	Favre, Thos. M.....	87.50
Board of Park Commissioners.....	15.00	Fitzpatrick & Son, R. L.....	24.90
Booker & Co., Hunter R.....	5.25	Flint & Walling Manufacturing Co.....	1,429.52
Bradford Bros.....	13.00	Fowler, Ed. F.....	2.00
Bradshaw, H. J.....	15.00	Fretz, J. K.....	.75
Braid Electric Co.....	7.50	Frierson's Sons, Norton.....	5.00
Broadwater, Pepin & Broadwater.....	5.00	Friez, Julian P.....	267.65
Brooks Co., E. F.....	1.00	Fuller, J. J.....	12.00
Broughten & Watkins.....	64.00	Fulwiler Electric Co.....	25.50
Buckwalter, Boyd.....	10.00	Gates, Carl J.....	28.50
Buckwalter, G. B.....	42.00	Gertz & Co.....	10.00
Burgess Electric Co.....	4.05	Giese, Leo.....	5.00
Cahill & Co. (Inc.), James.....	10.00	Gill, W. C.....	7.00
Caldwell, C. C.....	2.00	Gilman, Z. D.....	6.38
Calteux, Peter.....	12.90	Glenn & Williams.....	8.50
Campbell, Samuel.....	121.70	Globe Manufacturing Co.....	7.50
Canton Electric Light & Power Co.....	23.86	Goetz, John F.....	2.70
Cape May Light & Power Co.....	12.46	Gordon, David R.....	3.00
Capitol Electric Engineering Co.....	10.00	Gorman, Patrick.....	32.50
Carlson, Albin.....	3.00	Gowen, C. B.....	5.00
Carpenter, W.....	10.00	Graham, J. D.....	1.25
Cates, H. S.....	5.00	Graves, G. J.....	5.00
Central Electric Co.....	6.63	Gray, Marshall.....	1.00
Chafer Co.....	20.00	Gray & Sons (Inc.), Peter.....	1,141.03
Chandlee, E. G.....	14.45	Gray, W. P.....	2.00
Chattanooga Transfer Co.....	54.00	Green Hardware Co., Otis.....	1.50
Cherry, E. M.....	10.00	Gregory, James.....	1.65
Chesapeake Iron Works.....	2,220.00	Greiner Co., The Emil.....	115.00
Chinn, H. W.....	9.00	Gurtner & Co., E.....	70.38
Christensen, M.....	15.00	Hagameir, J. George.....	10.00
Cincinnati Furniture Renovating Co.....	9.50	Hagameir & Sculley.....	35.00
Clapp Ammonia Co., B. P.....	10.80	Hall, W. C.....	2.50
Clark Co., R. P.....	1.39	Hansen, Louis.....	2.00
Claveloux, Mark A.....	37.50	Hartford Paving & Construction Co.....	52.00
Collins, Foster.....	5.00	Hartig, Louis.....	9.81
Columbian Electrical Co.....	38.50	Hatfield Electric Co.....	3.35
Commonwealth Edison Co.....	12.00	Hay Sons, H. H.....	1.00
Cooper, Harry T.....	7.00	Heaton, E. L.....	2.00
Coos Bay Wiring Co.....	35.40	Herman, M. F.....	1.75
Copeland Co., M. G.....	1.20	Holtzen-Cabot Electric Co.....	.90
Cox, J. H.....	3.50	Home Furnishing Co.....	1.00
Cragg Manufacturing Co., H. C.....	87.50	Home Lumber Co.....	4.71
Crane Co.....	12.00	Hoover, E. G.....	7.75
Craven, Wm. B.....	10.00	Hopkins, Frank C.....	9.00
Crawford, W. B.....	1.00	Howell, J. W.....	1.60
Crocker, F. R.....	1.50	Hoyt, J. H.....	16.00
Crook-Kries Co.....	15.00	Hubbard Electrical Hardware Co.....	36.65
Cunningham, John H.....	49.00	Hubbard, K. H.....	2.50
Currie Co.....	.75	Hughes Co., James F.....	7.00
Dadisman, J. D.....	3.00	Imperial Porcelain Works.....	2.35
Dauchy, Arthur H.....	2.00	Interstate Electric Co (Ltd.).....	1.68
Davidson & Harris.....	10.00	Irwin, John B.....	109.00
Demorest, Lee.....	5.00	Iszard-Warren Co. (Inc.).....	80.00
Doellner Painting & Sign Co.....	24.00	Jaeger Bros.....	6.00
Dolber, Ashton.....	2.00	Jamin, H. A.....	22.00
Doubleday-Hill Electric Co.....	2.16	Jenks & Son, W. S.....	973.00
Dowd, James F.....	32.00	Johnson, John.....	16.00
Draper, Joseph B.....	20.00	Johnson, Peter.....	35.00
Dugdale & Kraft.....	16.00	Johnston, Ed C.....	2.00
Duke, L. R.....	7.50	Johnston, Sawyer.....	6.50
Eastman Kodak Co.....	3.95	Jones, E. H.....	22.00
Eclipse Decorating Co.....	7.50	Joss, A. F.....	10.00
Elmer & Amend.....	148.50	Joys, Bros. Co.....	5.00
Electric Storage Battery Co.....	45.78	Keasbey & Mattison Co.....	.34
Electrical Engineering & Construc- tion Co.....	10.66	Kellogg & Son, M. V.....	10.00
Ellicott Machine Co.....	45.00	Kerby & Bro.....	75.00
Elmes Engineering Works, Charles F.....	75.00	Kerins, Andrew.....	8.70
Ennis & Son, George T.....	25.80	Kinsella, R. F.....	10.00
Escanaba Electric & Garage Co.....	5.09	Krows, Ralph.....	2.95
Espey, John B.....	.16	Kuner, Max.....	3.00
		Lambie Co. (Inc.), James B.....	67.49

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (instruments, etc.), \$31,900"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Land, A. J.	\$1.50	Ross-Hull Electric Co.	\$6.18
La Prade, J. D.	12.00	Rowsey, C. E.	7.50
Leeds & Northrup Co.	893.07	Rudolph & West Co.	4.72
Leese, M. A.	3.53	Sadtler & Sons, G. T.	8.00
Leet Bros.	13.65	Sadler Machine Co., J. F.	78.00
Lergenmiller, A. J.	25.00	St. Lawrence University	2.00
Lieber & Co., H.	30.00	Salt Lake Hardware Co.	5.00
Lietz Co., A.	10.70	Salzman, N.	8.00
Lindsay, John S.	90.00	San Diego Hardware Co.	5.50
McCauley, Robert.	3.50	Sargent & Greenleaf Co.	79.50
McCleery, James.	10.00	Sayles, N. E.	38.70
McCubbin Co., C. J.	5.86	Schipper & Block	3.00
McDonald, Peter.	162.50	Schneider, R. E.	1.90
MacDonald, John J.	43.80	Seattle Electric Co.	30.00
Macglashan, H. S.	12.00	Seattle Transfer Co.	25.00
Mackall Bros.	12.00	Seidler, Otto.	65.00
Mahan, T. F.	1.50	Seilnacht, Frank.	9.50
Mangin, Louis.	69.50	Shaw, C. L.	2.50
Manhattan Electrical Supply Co.	1.00	Shaw, E. E.	3.00
Mauk, H. C.	2.00	Shaw, E. J.	9.65
Maupin, Robert.	16.50	Shoemaker & Busch.	28.23
May & Sons, R.	2.50	Singlaub, J. J.	15.00
Mercer Painting Co.	36.00	Skinner, Charles C.	4.35
Merchants' Dray Co.	22.50	Slaughter, Oscar B.	5.00
Merchants Exchange, The.	7.50	Small, I. M.	1.50
Merten, W. G.	29.00	Smith, A. D.	4.75
Mick, W. H.	9.50	Smith Electric Co.	6.50
Midland Water, Light & Ice Co.	34.20	Smith, R. S.	2.00
Miller, John A.	5.00	Smithsonian Institution.	90.00
Miller, John D.	8.50	Somerville Co., Thomas.	.52
Minnesota Electric Co.	55.00	Soo Hardware Co.	15.30
Moore, Arthur G.	5.00	Stewart-Bruckner Co.	2.00
Morris Sherman Manufacturing Co.	212.50	Stewart, Charles S.	10.00
Muddiman & Co., C. A.	3.25	Stoppelbein, M. S.	98.00
Mullally, J. P.	4.50	Stubbs Electrical Supply Co., O. B.	2.80
Murphy & Co. (Inc.), E. J.	.37	Sullivan & Pritchard.	25.00
Nemire, Albert.	12.00	Sund, Nels P.	5.00
New York Telephone Co.	25.00	Sunset Publishing House.	7.38
Nicklin, I. W.	17.00	Supe, Otto.	1.50
Nivois, Victor.	3.00	Tarr, Harry L.	5.00
Northern Electric Co.	19.50	Taylor Instrument Cos.	45.00
Northern Electrical Co.	7.00	Teb Electric Co.	5.50
Oates, J. R.	30.25	Thiemeyer Co., J. H.	18.90
Ofte Radiator Co. (Inc.).	5.00	Thomas Clock Co., Seth.	49.65
Okonite Co., The.	1,154.50	Thompson & Norris Co.	7.90
Oliver, Henry W., estate of.	113.69	Tobie, C. W.	96.50
Oshanna, Theo.	3.00	Todd, M. A.	34.75
Pacific Wire & Plating Works (Inc.).	36.00	Topeka Pure Water Co.	1.70
Parham & Upp.	51.00	Topham, James S.	14.00
Patton, Gault.	5.00	Turner, Howard W.	1.50
Peadrick, T. R.	6.00	United States McAdamite Metal Co.	18.20
Pearl, P. R.	39.50	United States Treasury Department.	6.56
Peoples Light Co.	75.00	University of Chicago.	500.00
Perkins, F. T.	25.00	Vaile & Young.	3.30
Personen, A. K.	3.00	Vernon, S. N.	8.00
Philadelphia Bourse.	12.54	Waller, Geo.	15.00
Pirke Foundry Co., John.	12.25	Walsh, Patrick.	31.25
Pittsburg Plate Glass Co.	10.00	Ward, W. A.	16.50
Preston, Wm. E.	35.50	Waterbury Battery Co.	472.50
Price, R. E.	4.00	Western Electric Co.	1.20
Propst, C. R.	5.00	Weston Electrical Instrument Co.	20.90
Prudential Building Co.	32.50	Weyman, William.	15.00
Pullman, E. J.	.80	Wheeler, Claud.	3.00
Quinn, F. F.	2.50	White, Fred J.	2.00
Rayl Co., The T. B.	1.60	White, W. V.	5.50
Rector, W. H.	4.00	Wiegand, Martin.	2,339.25
Reeves, George W.	2.50	Wilkins, J. W.	1.50
Renker Cement Stone Co.	15.77	Williams, Brown & Earle.	1.02
Rhode Island Electrical Equipment Co.	14.53	Wise, D.	18.75
Rhodes, W. A.	5.00	Wolff, Charles.	18.00
Richard, Jules.	19.79	Wood, S. H.	1.50
Riggs & Bro.	3.25	Woodward & Lothrop (Inc.).	.30
Robinson, Charles E.	37.50	Woodwell Co., Joseph.	2.65
Rodgers, Elijah J.	115.00	Wright, Frank O.	17.00
Rodgers, W. H.	2.00	Yontz, H. C.	1.50
Roebing's Sons Co., John A.	10.25	York Mfg. Co.	17.50
Rommel Bros.	217.00	Young, P. H.	1.50
Rose, R. W.	1.50	Total.	17,960.58

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (instruments, etc.), \$31,900"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Bausch & Lomb Optical Co. ....	\$27. 00	Henry, A. J. ....	\$2. 25
Brashear Co. (Ltd.), John A. ....	700. 00	Holcomb, Howard K. ....	1. 00
Dorifel & Faerber. ....	37. 72	Howe, Henry C. ....	1. 75
Friez, Julien P. ....	5, 285. 75	Jennings, T. B. ....	. 25
Garlock Packing Co. ....	. 63	Jermin, Frank. ....	1. 45
Gray & Sons (Inc.), Peter. ....	40. 00	Jesunofsky, L. N. ....	1. 00
Green, Henry J. ....	1, 616. 85	Jones, Edward P. ....	. 62
Green Co., C. W. ....	5. 00	Jones, Harris A. ....	8. 50
Jenks & Son, W. S. ....	28. 50	Judkins, Levi A. ....	. 65
Lambie Co. (Inc.), James B. ....	8. 83	Kenealy, James. ....	1. 20
Leeds & Northrup Co. ....	218. 25	Landis, D. S. ....	1. 00
McCubbin Co., C. J. ....	4. 10	Lehman, William F. ....	1. 40
Nivois, Victor. ....	27. 06	Lindley, Robert T. ....	4. 75
Richard, Jules. ....	676. 85	Linney, Charles E. ....	. 90
Schmidt, Fred A. ....	15. 87	Loveland, G. A. ....	. 50
Schneider Bros. ....	220. 00	McAdie, Alexander G. ....	. 25
Somerville Co., Thos. ....	1. 60	McDowall, G. W. ....	. 60
Taylor Instrument Co. ....	431. 00	McLean, John J. ....	1. 50
Woodruff Manufacturing Co. ....	135. 00	Magrum, Albert F. ....	3. 40
Total. ....	9, 480. 01	Montgomery, Frank. ....	. 50
<i>Traveling and station and field expenses.</i>		Neifert, William W. ....	3. 15
Alciatore, H. F. ....	1. 80	Norquest, C. E. ....	. 50
Alexander, W. H. ....	. 35	Nunn, Roscoe. ....	3. 60
Bailey, Wayland. ....	3. 50	Palmer, W. S. ....	4. 65
Beals, Edward A. ....	1. 90	Pennywitt, Henry. ....	. 25
Belden, W. S. ....	12. 80	Pindell, L. M. ....	9. 35
Bennett, W. J. ....	1. 54	Pursell, U. G. ....	4. 00
Bliss, George S. ....	1. 28	Reed, William F., jr. ....	1. 25
Blythe, W. T. ....	10. 40	Reeder, George. ....	1. 45
Brandenburg, F. H. ....	8. 45	Richardson, H. W. ....	. 65
Brennan, J. F. ....	3. 89	Roberts, Orris W. ....	1. 80
Buell, Allen. ....	. 75	Robinson, M. A. ....	2. 25
Bunnemeyer, B. ....	. 90	Sager, George V. ....	1. 50
Burns, Alexander G. ....	1. 15	Sanford, M. R. ....	. 35
Burns, Wm. G. ....	3. 85	Scarr, James H. ....	7. 11
Carpenter, Ford A. ....	. 45	Schneider, C. F. ....	. 50
Church, Verne H. ....	2. 65	Slaughter, J. F. ....	6. 00
Cline, I. M. ....	. 90	Spencer, James H. ....	. 25
Cline, Joseph L. ....	1. 10	Spindler, Harvey H. ....	1. 50
Cole, H. S. ....	2. 10	Sullivan, Richard H. ....	1. 50
Connor, P. ....	9. 00	Thiessen, A. H. ....	4. 50
Cronk, J. W. ....	3. 00	Thomas, W. W. ....	. 45
Denson, Lee A. ....	4. 35	Thompson, C. D. C. ....	. 25
Devereaux, W. C. ....	6. 00	Thompson, E. C. ....	2. 25
Dey, Luther M. ....	2. 25	von Herrmann, C. F. ....	. 15
Dick, H. B. ....	3. 50	Vose, E. C. ....	. 50
Doherty, C. J. ....	2. 00	Waldron, B. L. ....	2. 50
Emery, E. H. ....	1. 00	Weeks, John R. ....	3. 74
Emery, S. C. ....	1. 25	Wells, Edward L. ....	. 50
Ernigh, E. D. ....	4. 22	Wiesner, Abe. ....	7. 15
Fassig, Oliver L. ....	3. 95	Wollaber, Arthur B. ....	. 65
Grant, R. Q. ....	2. 75	Wurtz, Geo. B. ....	. 65
Grasse, H. W. ....	1. 50	Young, R. F. ....	6. 00
Gray, James J. ....	4. 00	Total amount paid for traveling and station and field expenses under above appropriation. ....	224. 05
Hadley, Olin M. ....	1. 15		

Total amount of appropriation. ....	\$31, 900. 00
Total expenditures under above groups. ....	27, 664. 64
Unexpended balance. ....	4, 235. 36
Repayment to credit of appropriation. ....	1. 93
Net unexpended balance. ....	4, 237. 29



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under Appropriation "General expenses, Weather Bureau, 1910 (rents and repairs), \$83,500," (Original subappropriation of \$80,000 increased by transfer of \$2,000 from investigations and substations and \$1,500 from traveling expenses.)

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Abilene Sheet Metal Works.....	\$16.00	Hill, F. L.....	\$100.00
Adams, J. I.....	1.25	Horn, Chas.....	6.05
Armour, C. C.....	2.00	Houston, David G.....	5.00
Arnold & Wetherbee.....	21.40	Howe Bros.....	18.91
Ashby, W. T.....	19.50	Huber & Neely.....	33.50
Augsburger & Sons Co., D. N.....	18.15	Hughes Electrical Co.....	17.00
Baggley, Sam.....	38.00	Hurley, J. E.....	108.50
Barber & Ross.....	10.75	Hutchinson, A. G.....	69.00
Barnes, B. F.....	4.50	Jackson, Frank H.....	50.00
Billings, Albert Q.....	424.30	Janssen Seed & Floral Co.....	7.80
Bismarck Hardware Co.....	2.00	Johnson, Oscar.....	4.50
Black Co., D. R.....	14.45	Jones, David T.....	35.48
Blanchard, A. D.....	143.50	Kealy-McFadyen Co.....	24.00
Blodgett Co., G. S.....	11.22	Kelley, Otto.....	4.50
Bowers Bros.....	11.65	Kelley, Richard.....	12.00
Bowman, Leslie E.....	4.50	Kerlee, C. E.....	61.00
Bowman & Gregory.....	25.20	Kidwell, J. I.....	13.00
Brader, P. H.....	17.00	Kluckhuhn & Bro.....	7.00
Braimard, C. P.....	4.50	Koenig, A. J.....	4.00
Broadwater, Pepin & Broadwater.....	15.00	Kraft, Robert C.....	20.00
Burnett, D. J.....	31.25	Kromer Hardware Co., Fred.....	2.75
Burns, J. F.....	2.75	Langston, M. D.....	4.00
Buttenshon, John.....	359.00	Larson, John A.....	3.65
Capitol Electric Engineering Co.....	12.00	Lasham Plumbing & Heating Co.....	2.70
Carter, Frank.....	7.50	Leet Bros.....	6.00
City of San Jose.....	60.00	Lindsay, John S.....	35.00
Clark, B. H.....	15.00	Linke & Son, A.....	10.00
Clark, C. F.....	16.25	Little Shop, The.....	500.00
Clowes, Andrew.....	2.50	Lloyd, J. Letcher.....	37.50
Cole, John J.....	15.48	McCleery, James.....	275.00
Coleman, James L.....	7.00	McCloud, L.....	205.00
Columbia Covering Co.....	38.40	McDaniels, A.....	3.50
Columbia Electrical Co.....	5.03	McGill, W. D.....	19.25
Compton, C. C.....	252.00	McGrue, H. O.....	8.75
Crane, Thomas S.....	96.56	McVeigh, Henry B.....	21.30
Culp & Doyle.....	68.00	MacInnes, David.....	5.24
Cunningham, John H.....	22.14	Martz, Frank.....	49.88
Currie Co., William.....	34.05	Martz, John.....	57.00
Daily, A. L.....	2.50	Martz, Robert.....	28.12
Daniels, James.....	11.75	Martz, William.....	41.63
Davis, John F.....	6.00	Meekins, G. T.....	10.00
Devils Lake Improvement Co.....	4.20	Melton, J. T. J.....	33.00
Dickson Co.....	6.30	Miller, L. R.....	4.20
Du Bois, Harry.....	5.00	Miller, W. G.....	6.05
Duluth Hardware Co.....	2.00	Morrow-Thomas Hardware Co.....	3.50
Dunphy, John.....	120.00	Mott, John A.....	3.05
Eastland Bros.....	15.00	Mulligan, James.....	11.25
Elam, Orday & Houser.....	1.60	National Electric Supply Co.....	18.80
Faunce, E. L.....	3.85	National Mortar Co.....	33.14
Field Co., Henry K.....	18.50	Newnham, Chas.....	270.20
Fischer, Charles L.....	6.25	Norris Bros.....	6.50
Fitts & Mann Co.....	14.50	Oberhauser, John.....	14.05
France, Joseph S.....	82.00	Ofult, G. W.....	9.20
Fretz, W. E.....	15.00	Parham & Upp.....	27.00
Geier, Wm.....	4.00	Parks, N. S.....	11.70
George, S. W.....	29.00	Pedersen, Henrik.....	7.00
Gettys, T. A.....	5.00	Peoria Gas & Electric Co.....	2.50
Giubbini, G.....	400.00	Peterson, C.....	5.90
Goddard, Hiram.....	10.00	Phoenix Nursery Co., The.....	10.00
Gomberg, Samuel E.....	1.25	Power, Thomas W.....	25.00
Gordon, Jessie.....	4.50	Preston, Richard.....	12.00
Gram, V.....	295.50	Pulliam, M. B.....	12.00
Grambs, Frank G.....	102.63	Quayle-Larsen Co.....	2.80
Griffith & Co., W. H.....	3.00	Rev, W. E.....	16.35
Grinnell, C. H.....	13.00	Richardson Electric Co.....	9.86
Hagameir, George.....	6.75	Robertson, John.....	5.00
Hagameir & Sculley.....	284.80	Rose & Co., John.....	14.25
Hall & Co., H. A.....	508.03	Rue, Frank E.....	7.50
Hargreaves, S.....	10.45	St. Lawrence University, The.....	60.00
Hartman, D. H.....	30.00	Sanguinetti, E. F.....	3.00
Healey, C. F.....	6.00	Seekins, W. W.....	17.35
Henderson & Co., Peter.....	5.00	Sheeran, Peter.....	2.00
Hepburn, J. S.....	4.00	Sheppard, Thomas.....	9.00
		Shields, N. J.....	3.14

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (rents and repairs), \$83,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent—Continued.</i>	
Singleton, J. D.	\$23.00	Dee, James R.	\$159.27
Smith, Henry	20.00	Dyal Upchurch Investment Co.	750.00
Smith, James E.	24.00	Dye, Harvey S.	35.00
Snoak, Lewis.	2.00	El Paso & Southwestern R. R. Co. of Texas.	834.00
Snyder Bros.	2.55	Empire Building Trust.	1,116.00
Somerville Co., Thomas.	38.37	Estate of John M. Rodgers, deceased.	162.50
Sowers, Hugh.	15.75	Estate of M. Marx.	646.88
Standard Oil Co.	2.25	Farmers Deposit National Bank.	2,025.00
Steik, Gus.	42.00	Farmers National Bank of Fresno, The.	480.00
Stiles Co., J.	5.70	First National Bank of Kallispell, The.	360.00
Stowe, A. J.	10.00	First National Bank of Portland, Me.	700.00
Strehlow, Rudolph.	9.30	First National Bank of Wytheville, Va.	350.00
Stringfellow, H. W.	1.00	Fraser, Alice R.	504.00
Sykes, S. K.	3.95	Fraternal Hall Association.	436.00
Teague, J. R.	19.00	Fremont Lumber Co.	351.00
Tinsman, A. J.	6.25	Geiser, Frank E.	234.80
Tinsman, Claud.	12.00	Giroux, David.	480.00
Tinsman, Herbert.	6.00	Given, Lena T.	456.00
Todd Implement Co. (Inc.)	115.00	Gregory & Appel (Inc.)	1,575.00
Tomblin, B. J.	9.00	Hanington, Henry (agent), Boston Building.	1,710.00
Tyler, E. M. (Mrs.)	7.30	Hayden Co., The.	1,200.00
Uhl, Henry.	497.00	Hazell, Louisa.	650.00
Van Doran, S. W.	10.00	Hicks Building Co.	600.00
Van Natta, E.	180.00	Hughes Co., E. S.	199.11
Walker, David B.	283.50	James, Charles E.	540.00
Ward, W. W.	21.00	Jeffries & Wheeler.	480.00
Washburn & Son, W. W.	14.30	Jones, David T.	225.00
Webster, A. H.	5.00	Jones, E. P., estate of.	108.00
Wells, S. C.	18.00	Lamb, P. H.	600.00
West Bluff Painting & Decorating Co.	281.40	Law Building Co.	425.00
Westergaard, Hans.	340.00	Leddy, Frank A.	760.00
Wheatley and Elliott.	9.45	Liddon, Benjamin Franklin.	45.00
Whitehead, R. C.	5.40	Lovett, Geo. L.	162.50
Williams & Charlebois.	39.00	Lurie, Jacob.	25.00
Williams, Arthur.	19.00	McCall, F. A.	550.00
Williams, John.	4.50	McReece, James R.	504.00
Woodworth, E. A.	3.00	Main Street Co.	1,320.00
Wermington, J. W.	8.10	Majestic Co., The.	1,680.00
Yates & Co. (Inc.)	7.42	Marquette County Savings Bank, The.	420.00
Young, Henry.	25.00	Masonic Temple Construction Co.	660.00
Total.	8,641.43	Matthiessen, F. W.	360.00
<i>Rent.</i>		Mecklenburg Real Estate Co.	1,800.00
Adams, Orson, jr.	480.00	Merchants Exchange, The.	2,400.00
American Safe Deposit Co.	720.00	Merrill-Ring-Bllss Co.	144.00
American Surety Co. of New York.	4,250.00	Michigan Trust Co. Building.	1,375.00
Asheville Library Association.	300.00	Mill Valley & Mount Tamalpais Scenic Ry.	420.00
Ashurst, Elizabeth L.	420.00	Mount Washington Ry. Co.	5.00
Baldwin, Charles.	510.00	Mulvane, John R. and Joab.	600.00
Bank of Tehama County.	384.80	Murdock, L. C., and Caldwell, J. E.	540.00
Beeson, C. M.	157.52	Mutual Assurance Society of Virginia.	577.95
Blade, Emma May.	78.00	Myers, Ulysses Grant.	300.00
Boucher, Charles M.	300.00	National Realty Co.	1,050.00
Buell, Charles J.	522.00	Nelson, Nels.	120.00
Buhne, Dillie L., et al.	528.00	Newhouse Realty Co.	1,170.00
Capitol Trust Co., The.	60.00	Newhouse, Samuel.	390.00
Chemical Building Co.	1,800.00	Nicholas Building Co., The.	820.00
Citizens Bank of Norfolk, Va.	861.00	Odd Fellows Building Association.	170.00
City Bank & Trust Co.	900.00	O'Neill, Eugene.	540.00
City National Bank of Corpus Christi.	540.00	Parmentier, Margaret.	287.00
City of Palestine, Tex.	292.00	Peel, E. H.	144.00
Clark, Dillard H.	720.00	Pioneer Press Co.	100.00
Clark Bros.	500.00	Providence Building Co.	1,000.00
Commissioner of the Interior of Porto Rico.	600.00	Prudential Building Co.	956.00
Connecticut Mutual Life Insurance Co.	600.00	Ransom Co.	540.00
Connell, James L.	475.00	Rea, Henry R., et al.	675.00
Consolidated Improvement Co.	846.00	Richard, Emma.	840.00
Cook, A. L.	360.00	Roach, F. Norman.	120.00
Crocker, Jacob.	300.00	Rogers, John M.	325.00
Cummins, Catherine.	318.00	Rolle, H.	36.00
Cutler, Dwight.	400.00	Ross, D. Hope.	90.00
Dann, William H.	288.00	Rudolph, C. E.	46.37
Davidson, Watson P.	500.00	Scandinavian American Bank, The.	1,200.00
		Searritt Estate Co., The.	1,440.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (rents and repairs), \$83,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Shelden, Mary E.....	\$215.73	Dick, H. B.....	\$4.50
Smith, E. Milner, agent.....	420.00	Doherty, C. J.....	43.25
Smith, John B.....	300.00	Fisher, Ray L.....	.50
Smith, Willard A.....	120.00	Fuller, Merton L.....	.90
Society for Savings in the City of Cleve- land.....	1,440.00	Gittings, E. B., Jr.....	23.75
Southern Construction Co.....	1,200.00	Green, W. H., Jr.....	5.10
Southern Pacific R. R. Co.....	1.00	Grimes, George E.....	6.20
Stewart, Rachel B. & John S.....	1,100.00	Hooper, John K.....	.55
Tacoma Chamber of Commerce Build- ing Co.....	540.00	Hyle, Chas. A.....	8.75
Talbot, Walter.....	480.00	Holcomb, Howard K.....	6.70
Taylor National Bank.....	540.00	Jermin, Frank.....	1.15
Thoma-Bigelow.....	340.00	Juddins, Levi A.....	2.40
Tofte, J.....	5.00	Lehman, William F.....	22.75
Van Deventer, James and Letitia.....	600.00	McAdie, Alexander G.....	1.70
Ware, H. J.....	444.00	McDowall, G. W.....	7.30
Warren Mercantile Co., F. E.....	620.00	Newsom, J. F.....	1.50
Wheeler & McIlvaine.....	120.00	Norquest, C. E.....	4.15
Williams, Burton S.....	327.00	Parker, Orin.....	17.25
Young Building Co. (Ltd.), Alexander.....	1,020.00	Richardson, H. W.....	.75
Total.....	73,953.43	Roberts, Orris W.....	16.94
<i>Traveling and station and field expenses.</i>		Schoppe, W. J. A.....	6.12
Baldwin, Harrison McP.....	1.31	Slaughter, J. P.....	12.65
Bauer, J. W.....	6.75	Strong, Charles M.....	22.70
Bell, William.....	16.50	Thomas, W. W.....	12.35
Burns, Wm. G.....	29.35	Thompson, E. C.....	8.07
		Wright, Marsden.....	4.50
		Total.....	296.39

Total amount of appropriation.....	\$83,500.00
Total expenditures under above groups.....	82,891.25
Unexpended balance.....	608.75

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (traveling expenses), \$20,000." (Original  
 subappropriation of \$22,000 decreased by transfer of \$500 to instruments, etc., and  
 \$1,500 to rents and repairs.)

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Traveling and station and field expenses.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Abbe, Cleveland.....	\$41.70	Blair, William R.....	\$198.79
Alciatore, H. F.....	28.08	Bliss, George S.....	45.65
Alexander, William H.....	63.19	Blystone, M. E.....	76.75
Alps, Henry F.....	55.70	Blythe, W. T.....	48.40
Alter, J. Cecil.....	68.15	Bonnett, Walter E.....	57.85
Anderson, R. L.....	98.65	Bowie, Edward H.....	535.44
Andree, Hermann J.....	63.25	Boyer, H. B.....	113.20
Armington, John H.....	26.42	Boyle, James A.....	105.40
Ashenberger, Albert.....	45.89	Brand, Al.....	17.95
Band, Edward C., jr.....	.75	Brandenburg, F. H.....	372.90
Barrie, Roy A.....	46.50	Bridges, T. L.....	17.75
Bassinger, Henry C.....	27.05	Briggs, R. R.....	12.35
Bassler, S. S.....	31.80	Brist, F. W.....	45.10
Bate, H. C.....	54.20	Brockway, A. L.....	98.70
Bauer, J. W.....	5.55	Brotzman, William S.....	52.48
Beals, Edward A.....	402.17	Brown, Edward A.....	19.16
Beasley, William A.....	35.10	Brown, Orville C.....	9.65
Belden, W. S.....	33.30	Bunnemeyer, B.....	46.20
Bennett, Walter J.....	37.40	Burns, Alexander G.....	16.63
Bentley, George J.....	51.90	Burns, Charles T.....	114.93
Beuter, S. A.....	5.00	Calvert, E. B.....	453.04
Bigelow, Frank H.....	699.81	Carroll, D. J.....	15.15
Blair, T. A.....	88.30		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (traveling expenses), \$20,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Traveling and station and field expenses—</i> Continued.		<i>Traveling and station and field expenses—</i> Continued.	
Carroll, Louis W.....	\$152.85	Heiskell, Henry L.....	\$164.55
Chappel, Geo. M.....	5.79	Henry, A. J.....	404.27
Church, John P.....	2.60	Hersey, H. B.....	409.00
Church, Verne H.....	160.30	Holcomb, Edward W.....	68.01
Cline, Joseph L.....	11.00	Hooper, John K.....	23.70
Coberly, Edward D.....	86.55	Horton, Edgar C.....	114.00
Cohn, Joseph.....	40.50	Hovde, Martin R.....	29.85
Colman, Herman T.....	18.90	Howe, Henry C.....	4.40
Collom, Mc Lin.....	32.95	Howell, Harry M.....	22.75
Cooper, Robert S.....	38.55	Humphreys, W. J.....	232.38
Covert, Roy N.....	27.60	Hunt, George E.....	19.35
Cowdrick, Howard B.....	77.75	Hutchison, James E.....	48.82
Cox, Henry J.....	364.02	Hyle, Charles A.....	23.90
Criswell, Lindsay L.....	40.30	Hyre, Harley E.....	40.50
Cronk, J. W.....	25.40	Jensen, Julius C.....	32.80
Cushing, F. S.....	49.27	Jermin, Frank.....	30.88
Cuthbertson, David.....	355.26	Jesunofsky, L. N.....	45.30
Dague, Charles I.....	64.05	Johnstone, William.....	19.85
Daingerfield, L. H.....	149.85	Jones, Edward P.....	148.92
Day, W. L.....	8.15	Jones, Harris A.....	9.50
Demain, Edward R.....	51.52	Jones, James.....	7.60
Denson, Lee A.....	97.95	Judkins, Levi A.....	23.46
Desmond, Leonard.....	15.50	Justice, A. A.....	35.35
Devereaux, W. C.....	91.69	Kadel, Benjamin C.....	201.05
Disterbick, Fred L.....	37.30	Kalvelage, A. Gardiner.....	34.30
Drake, Theodore F.....	20.45	Kelter, William I.....	105.03
Drew, Richard.....	113.25	Kelley, Andrew J.....	8.50
Durbin, Carl.....	68.75	Kenealy, James.....	22.20
Dusseauit, Joseph A.....	3.15	Kepler, J. A.....	3.75
Edmonston, E. O.....	76.40	Kessler, Daniel W.....	45.90
Emery, E. H.....	24.60	Kichline, Herbert E.....	62.55
Emery, S. C.....	72.88	Kimball, Herbert H.....	36.56
Emigh, E. D.....	37.55	Kimball, James H.....	49.90
Estes, Samuel B.....	79.05	King, Thomas H.....	70.00
Evans, Edward A.....	114.51	Lady, G. W.....	118.15
Fassig, Oliver L.....	74.49	Lanning, Etnair E.....	95.30
Fisher, D.....	26.20	Larcombe, B. F.....	42.03
Fisher, John C., jr.....	8.75	Larson, Edwin G.....	52.10
Fisher, Ray L.....	23.45	Lathrop, William T.....	43.35
Frankenfield, H. C.....	445.94	Lawton, George E.....	52.80
Frise, Harry A.....	32.85	Legler, H.....	5.25
Fuller, Merton L.....	52.85	Lillie, Don M.....	46.70
Fuller, William D.....	52.55	Linney, Charles E.....	41.52
Garrett, Chas. C.....	58.30	Long, Samuel C.....	1.85
Garriott, Edward B.....	78.27	McAule, Alexander G.....	105.10
Garrison, Loyd.....	29.25	McAuliffe, Joseph P.....	15.60
Gaskins, W. H.....	38.35	McCoy, Samuel W.....	29.80
Geren, Harry O.....	51.25	McGinnis, Philip G.....	2.30
Gish, Oliver H.....	45.65	Macabe, Stephen G.....	26.45
Gittings, E. B., jr.....	55.55	Marean, Edwin F.....	8.35
Glass, Elvin J.....	26.65	Maring, D. T.....	3.80
Gordon, James H.....	66.35	Marks, Harris A.....	120.21
Graham, Clem M.....	11.10	Martin, Howard H.....	9.75
Grant, R. Q.....	10.85	Martin, W. V.....	17.45
Gray, J. J.....	25.80	Marvin, C. F.....	54.30
Green, W. H.....	10.60	Math, F. A.....	116.35
Gregg, Willis R.....	307.49	Maxwell, W. D.....	31.39
Grove, E. M.....	37.20	Meaker, Kenneth.....	23.30
Grunow, D. C.....	71.35	Meinschen, Tim.....	22.29
Hamme, Clemmy C.....	32.25	Merchant, Gerald C.....	33.95
Hamrick, A. M.....	7.80	Metcalf, Harry C.....	29.20
Hare, W. B.....	53.12	Minehart, Elmo M.....	148.12
Harn, George U., jr.....	23.30	Mitchell, Alexander J.....	57.15
Harris, Ralph E.....	20.40	Mitchell, Charles L.....	45.65
Hartwell, F. E.....	56.73	Moery, Otto E.....	35.40
Hayden, J. C.....	37.20	Montgomery, Frank.....	98.95
Hayes, Montrose W.....	88.50	Moore, Willis L.....	314.55
Heckathorn, C. E.....	22.80	Morris, David R.....	42.55

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Weather Bureau, 1910 (traveling expenses), \$20,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Traveling and station and field expenses—Continued.</i>		<i>Traveling and station and field expenses—Continued.</i>	
Moses, Fred I.....	\$12.95	Shuey, Floyd W.....	\$80.45
Murphy, D. C.....	12.50	Slaughter, J. P.....	51.51
Myers, Nelly Ryder.....	58.00	Smith, H. E.....	20.60
Newsom, J. F.....	13.70	Smith, J. H.....	127.35
Nichols, E. S.....	7.00	Smith, J. W.....	37.40
Nichols, John F.....	23.20	Smith, J. Warren.....	95.34
Noyes, G. Harold.....	16.70	Smyth, P. H.....	120.80
Nunn, Roscoe.....	98.69	Spann, Jack E.....	29.10
Oates, Walter A.....	32.60	Spencer, Eugene E.....	44.15
Odenweller, Cland B.....	15.10	Spencer, James H.....	27.96
Palmer, W. S.....	151.45	Spindler, Harvey H.....	70.05
Parry, Benjamin.....	23.00	Sprague, Malcolm.....	54.55
Paterson, George.....	23.40	Stevens, Arthur E.....	33.35
Paterson, George W., Jr.....	44.20	Stewart, John S.....	31.40
Peffer, W. J.....	3.11	Stewart, William P.....	88.94
Pennywitt, Henry.....	38.95	Summers, M. B.....	2.03
Peterman, Elton.....	32.67	Sutton, L. G.....	23.15
Pindell, L. M.....	15.97	Tahman, Charles F.....	36.00
Pitman, George W.....	24.45	Tarr, Leonard M.....	1.55
Pugh, Horace L.....	55.52	Taylor, N. M.....	94.35
Purcell, U. C.....	36.50	Taylor, T. R.....	13.40
Raplee, Jay W.....	10.75	Thiessen, A. H.....	192.30
Rasmussen, Wiggo.....	4.00	Thompson, E. C.....	10.20
Rausch, Gustav E.....	16.16	Thorsen, A. R.....	65.00
Reed, Thomas R.....	132.50	Todd, George T.....	14.62
Reed, William F., Jr.....	29.46	Townsend, Theodore F.....	18.50
Reed, W. W.....	38.70	Turner, George E.....	158.28
Reynick, Alexander.....	20.49	Vail, Herbert E.....	17.55
Richardson, H. W.....	22.65	von Herrmann, Charles F.....	7.50
Roberts, Orris W.....	6.10	von Ostermann, Geo. F.....	56.15
Roberts, William A.....	79.35	Voorhees, J. F.....	29.92
Robertson, Norman B.....	17.60	Walz, F. J.....	63.20
Robeson, James W.....	53.85	Wells, Edward L.....	5.20
Ross, Robert C.....	14.30	Welsh, L. A.....	18.43
Sager, Geo. V.....	56.02	West, Ralph C.....	27.20
Sanders, John E.....	13.20	Whittier, Bernard B.....	34.30
Sanford, M. R.....	1.50	Wills, Harry M.....	11.65
Scarr, James H.....	183.57	Willson, G. H.....	392.40
Schaeffer, John W.....	19.35	Wilson, Jesse B.....	42.45
Schapiro, Joseph.....	13.95	Wilson, Wilford M.....	28.65
Schneider, C. F.....	98.00	Wollaber, Arthur B.....	189.10
Schnurbusch, William J.....	14.60	Wood, Charles S.....	135.75
Scott, Arthur H.....	23.85	Wurtz, Geo. B.....	39.20
Scott, J. H.....	8.10	Yeager, Everett E.....	123.60
Seeley, Dewey A.....	94.12	Young, John H.....	166.50
Schaffer, Geo. W.....	6.60	Young, R. F.....	357.73
Sherry, B. J.....	144.73		
Shilling, Alphonso W.....	40.95	Total.....	18,848.87
Shomo, Oscar V.....	35.95		

Total amount of appropriation..... \$20,000.00  
 Total expenditures under above groups..... 18,848.87

Unexpended balance..... 1,151.13  
 Repayment to credit of appropriation..... 1.87

Net unexpended balance..... 1,153.00



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (telephoning and telegraphing) \$269,000." (Original subappropriation of \$260,000 increased by transfer of \$400 from line and cable repairs and \$8,600 from investigations and substations.)*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Telephone—Continued.</i>	
Bell Telephone Co., of Buffalo.....	\$3.56	Cuyahoga Telephone Co., The.....	\$72.00
Direct West India Cable Co. (Ltd.)...	766.10	Dakota Central Telephone Co.....	1,065.53
Great Northern Telegraph Co. (Ltd.), The.....	289.50	Dakota Western Telephone Co.....	24.00
Great North Western Telegraph Co. of Canada, The.....	1,186.10	Delaware & Atlantic Telegraph & Tele- phone Co.....	45.00
International Ocean Telegraph Co.....	1,699.15	Devils Lake Improvement Co.....	31.50
Kelley Island & Sandusky Cable Co.....	17.10	Dodge City Telephone Co.....	24.00
Marthas Vineyard Telegraph Co.....	284.63	Dubuque Telephone Co.....	24.00
Meteorological Committee, The.....	46.26	Duluth Telephone Co.....	50.00
Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.....	270.85	East Tennessee Telephone Co.....	927.50
Pacific Telephone & Telegraph Co., The.....	40.70	Eastern Telephone & Telegraph Co.....	20.00
Postal Telegraph-Cable Co.....	13,156.44	Fayette Home Telephone Co., The.....	48.00
Put in Bay Telegraph Co.....	20.80	Flagstaff Mutual Telephone Co.....	14.00
United Fruit Co., N. O., Div.....	56.56	French, Albert E.....	5.00
United Wireless Telegraph Co.....	3.22	Frontier Telephone Co.....	48.00
Western Union Telegraph Co., The.....	161,349.85	Havre Telephone Co.....	42.00
West India & Panama Telegraph Co. (Ltd).....	1,205.16	Helena Automatic Telephone Co.....	3.00
Wilmington & Southport Telegraph Line.....	39.47	Home Telephone Co. of Michigan.....	60.00
Total.....	180,435.45	Home Telephone & Telegraph Co.....	72.00
<i>Telephone.</i>		Home Telephone Co. (Mobile, Ala.).....	3.00
Abilene Independent Telephone & Telegraph Co.....	4.50	Home Telephone Co. Portland, Oreg.).....	90.00
Adirondack Home Telephone Co.....	18.00	Home Telephone Co. (Smithfield, Va.).....	91.20
Alabama & Mississippi Telephone & Telegraph Co.....	21.15	Home Telephone Co. (Tacoma, Wash.).....	48.00
Alabama, Mississippi & Tennessee Telephone Co.....	30.40	Ilwaco Telephone & Telegraph Co.....	3.50
Albany Home Telephone Co.....	24.00	Independent Long Distance Tele- phone Co.....	54.20
Asheville Telephone & Telegraph Co.....	47.00	Indianapolis Telephone Co.....	60.00
Atlantic Coast Telephone Co.....	36.00	Inter-State Independent Telephone & Telegraph Co.....	36.00
Bell Telephone Co.....	12.00	Iowa Telephone Co.....	287.80
Bell Telephone Co., of Buffalo, The.....	143.15	Ithaca Telephone Co.....	24.00
Bell Telephone Co. of Pennsylvania.....	159.00	Kansas City Home Telephone Co.....	60.00
Bell Telephone Co., of Missouri, The.....	135.03	Keystone Telephone Co., of Philadel- phia.....	80.00
Benzie County Telephone Co.....	16.00	Kinloch Telephone Co.....	72.00
Blaisdell, F. G.....	30.00	Knox Telephone & Telegraph Co.....	1.70
Bluff City Telephone Co., The.....	30.00	La Crosse Telephone Co.....	36.00
Cape Vincent Telephone Co.....	9.00	Lambie Co. (Inc.), James B.....	3.50
Capital City Telephone Co.....	42.50	Lincoln Telephone Co.....	12.00
Carr, J. C.....	12.00	Lincoln Telephone & Telegraph Co.....	36.00
Central District & Pittsburg Telegraph Co.....	694.92	Louisville Home Telephone Co., The.....	78.00
Central New York Telephone & Tele- graph Co.....	78.50	Madisonville & Trigon Telephone Co., The.....	14.35
Central Telephone & Telegraph Co. of New York.....	9.00	Marthas Vineyard Telegraph Co.....	50.09
Central Union Telephone Co.....	314.85	Maryland Telephone Co.....	17.69
Cherry County Telephone Co.....	30.00	Mayport Telephone Line.....	69.25
Chesapeake & Potomac Telephone Co.....	99.06	Memphis Telephone Co.....	80.00
Chicago Telephone Co.....	291.90	Meridian Home Telephone Co.....	36.00
Cincinnati & Suburban Bell Telephone Co.....	144.85	Michigan State Telephone Co.....	548.97
Citizens Home Telephone Co.....	18.00	Mississippi Valley Telephone Co., of Iowa.....	30.15
Citizens Telephone Co.....	57.65	Missouri & Kansas Telephone Co.....	213.00
Cleveland Telephone Co., The.....	84.00	Moosehead Telephone Co.....	18.00
Colorado Telephone Co., The.....	282.00	Mutual Telephone Co. (Iowa).....	57.00
Columbia Telephone Co.....	30.00	Mutual Telephone Co. (Erie, Pa.).....	24.00
Columbus Citizens Telephone Co.....	52.00	Mutual Telephone Co., Ltd. (Hono- lulu, Hawaii).....	48.00
Concordia Telephone Co., The.....	24.00	Nebraska Telephone Co.....	229.40
Consolidated Telephone Co.....	20.00	Nevada Telegraph & Telephone Co.....	30.00
Consolidated Telephone Companies of Pennsylvania, The.....	36.00	New Boston Telephone Co.....	31.20
Consolidated Telephone, Telegraph & Electric Co.....	42.00	New England Telephone & Telegraph Co.....	428.35
Cumberland Telephone & Telegraph Co.....	6,069.70	New York Telephone Co.....	680.63
		North Arkansas Telephone Co.....	24.00
		North Dakota Independent Telephone Co.....	48.00
		North Platte Telephone Co.....	24.00
		Northern Idaho & Montana Power Co.....	36.00
		Northern Neck Telegraph & Tele- phone Co.....	65.00
		Northfield, Vt., Telephone Co.....	18.00
		Northwestern Telephone Exchange Co.....	258.00
		Ohio River Telephone Co., The.....	91.80

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (telephoning and telegraphing), \$269,000"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephones—Continued.</i>		<i>Telephones—Continued.</i>	
Ottawa Home Telephone Co.....	\$7.50	Tri-State Telephone & Telegraph Co., The.....	\$15.00
Orange County Telephone Co.....	12.00	Tri-State Telephone & Telegraph Co..	108.00
Overland Telephone Co.....	8.75	Tucker Telephone & Telegraph Co.....	60.00
Ozark Bell Telephone Co.....	42.00	U. S. Long Distance Telephone & Tele- graph Co.....	100.50
Pacific Telephone & Telegraph Co.....	2,275.68	United Telephone Co.....	15.00
Palestine Telephone Co.....	36.00	Utah Independent Telephone Co.....	59.55
Panhandle Telephone & Telegraph Co.	36.00	Western Electric Telephone System.....	29.50
Pan Long Distance Telephone Co.....	30.00	Wichita Independent Telephone Co.....	27.00
Peninsular Telephone Co.....	54.00	Williamson County Telephone Co.....	15.00
Peoples Telephone & Telegraph Co.....	40.00	Wisconsin Telephone Co.....	356.69
Pioneer Telephone & Telegraph Co.....	408.80	Wythe Mutual Telephone Co.....	12.00
Pittsboro Telegraph & Telephone Co.....	30.00	Wytheville Telephone Co.....	12.00
Porto Rico General Telephone Co.....	48.00	Yankton Telephone Co.....	32.50
Providence Telephone Co.....	30.00	York State Telephone Co.....	30.00
Raleigh Telephone Co.....	13.50	Zenith Telephone Co.....	36.00
Roberts Telephone & Electric Co., The.	416.74		
Rocky Mountain Bell Telephone Co.....		Total.....	23,226.20
Roswell Telephone & Manufacturing Co.....	42.00		
San Diego Home Telephone Co.....	42.00	<i>Traveling and station and field expenses.</i>	
Sandusky Telephone Co., The.....	35.00	Blair, William R.....	1.05
Santa Fe Electric Telephone Co.....	44.00	Daingerfield, L. H.....	1.35
Sharpe & Rust.....	24.00	Eshleman, C. H.....	.30
Shreveport Telephone Co.....	39.00	Grasse, H. W.....	1.20
Sioux City Telephone Co.....	48.00	Henry, A. J.....	.40
Snickersville Telephone Co.....	20.00	Kadel, Benjamin C.....	.30
Southern Bell Telephone & Telegraph Co., of Virginia.....	138.00	Neifert, William W.....	2.25
Southern Bell Telephone and Tele- graph Co.....	1,483.10	Pennywitt, Henry.....	.30
Southern New England Telephone Co., The.....	182.00	Reed, C. D.....	.60
Southern States Telephone Co.....	38.00	Reed, William F., jr.....	1.80
Southern Utah Telephone Co.....	36.00	Scarr, James H.....	.10
Southwestern Telegraph and Tele- phone Co.....	489.95	Spencer, James H.....	.10
Toledo Home Telephone Co., The.....	60.00	Wollaber, Arthur B.....	2.40
Topeka Independent Telephone Co., The.....	36.00	Wright, Marsden.....	.50
Tri-City Telephone Co.....	14.80	Total.....	16.25

Total amount of appropriation.....	\$269,000.00
Total expenditures under above groups.....	203,674.30
Unexpended balance.....	65,325.70
Repayment to credit of appropriation.....	6.10
Net unexpended balance.....	65,331.80

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (line and cable repairs), \$3,800." (Original subappropriation of \$4,200 decreased by transfer of \$400 to telephoning and telegraphing.)*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Alpena Mutual Benefit Telephone Co.	\$6.00	Martz, Frank.....	\$3.00
Alvin, Joe.....	30.00	Martz, William.....	4.50
Andrews, A. C.....	7.00	Meekins, George.....	38.75
Ashby, W. T.....	4.50	Meekins & Co., T. S.....	3.85
Atlantic Electric Co. (Inc.).....	54.50	Midgett, W. B.....	5.00
Austin, Olsen.....	38.75	National Electrical Supply Co.....	48.20
Austin, R. J.....	28.75	Oium, Ben.....	72.00
Barnes, C. F.....	2.50	Perry, L. G.....	2.00
Barnes, Clifford S.....	2.00	Seranton, C. O.....	6.25
Baum, Willis G.....	2.50	Tillett, Willis.....	4.00
Beesley, George.....	72.00	Underhill, J. W.....	7.00
Callender Navigation Co.....	175.00	West, J. W. C.....	1,032.00
Carroll Electric Co.....	22.00	Western Electric Co.....	21.00
Carroll, John.....	9.00	White, F. L.....	5.00
Charlevoix Lumber Co.....	60.00	Willis, J. I.....	28.75
Charlevoix Water Works.....	18.00	Woodhouse, C. M.....	25.00
Coley, Joe.....	2.50	Woodhouse Electric Co.....	10.20
Creel, G. W.....	9.00	Woodhouse, J. F.....	20.00
Davis, D. E.....	2.00		
Denton, J. E.....	29.50	Total.....	2,944.28
Drinkwater, W. G.....	44.00		
Eastern Telephone and Telegraph Co..	2.50	<i>Traveling and station and field expenses.</i>	
Etheridge, D. W.....	1.00	Bye, Oscar W.....	22.50
Etheridge, C. M.....	4.00	Drinkwater, Alpheus.....	.50
Evans, Jack.....	1.25	Gray, James J.....	22.50
Forrest, Fred.....	2.50	Hart, Howard G.....	12.50
General Electric Co.....	759.84	McAdie, Alexander G.....	4.35
Griffin Sample Co.....	2.50	Newsom, J. F.....	1.17
Howerton, J. A.....	11.25	Rasmussen, M.....	33.50
Johnson, G. L.....	5.00	Rasmussen, Wiggo.....	22.50
Johnson Co., Robert M. A.....	1.50	Sutton, L. G.....	16.95
Kelliher, J. W.....	5.00	Tuttle, Earl W.....	7.85
Klein & Sons, Mathias.....	18.81		
Kluckhuhn & Bro.....	85.60	Total.....	144.32
Lemmond, W. V.....	2.50		
Manhattan Electrical Supply Co.....	82.03		

Total amount of appropriation.....	\$3,800.00
Total expenditures under above groups.....	3,088.60
Unexpended balance.....	711.40



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500." (Original subappropriation of \$125,000 decreased by transfer of \$8,600 to telephoning and telegraphing, \$2,000 to rents and repairs, \$1,400 to instruments, etc., and \$500 to miscellaneous expenses.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Stevens, Aaron E.	Rainfall observer, at \$5 per month.	\$30.00	
Calhoun, M. M.	Rainfall observer, at \$4 per month <sup>1</sup> .	22.25	
Campbell, Julia A.	do.	48.00	
Collins, David K.	do.	48.00	
Cox, Charles D.	Rainfall observer, at 25 cents per observation and \$4 per month. <sup>1</sup>	27.25	
Cruse, Rufus.	Rainfall observer, at \$4 per month <sup>1</sup> .	19.82	
Cruse, Sarah E.	do. <sup>1</sup>	34.93	
Cummings, Louis B.	Rainfall observer, at 25 cents per observation and \$4 per month. <sup>1</sup>	25.00	
Edwards, John W.	do. <sup>1</sup>	50.25	
Elder, William C.	do. <sup>1</sup>	29.25	
Enloe, Van Porter.	do. <sup>1</sup>	36.50	
Flesher, John H.	do. <sup>1</sup>	29.35	
Fulton, William B.	do. <sup>1</sup>	25.00	
Gaillard, Benjamin P.	Rainfall observer, at \$4 per month.	48.00	
Goley, William R.	do. <sup>1</sup>	48.00	
Hale, Giles W. B.	do. <sup>1</sup>	48.25	
Holt, Harry G.	do. <sup>2</sup>	54.50	
Mathews, Alfred E.	Rainfall observer, at 25 cents per observation and \$4 per month.	30.00	
Miley, Adolyn Gale.	Rainfall observer, at \$4 per month.	48.00	
Miller, Lee F.	do.	12.00	
Milner, Ida J.	do.	22.00	
Newton, Edward A.	do.	20.00	
Parker, Hilda G.	do.	24.00	
Redd, E. M.	do. <sup>1</sup>	48.25	
Robinson, Frank P.	do. <sup>1</sup>	22.75	
Russell, Hugh H.	do. <sup>1</sup>	43.99	
Smith, Ella B.	do. <sup>1</sup>	22.25	
Trow, Hattie G.	do.	24.00	
Walker, William C.	do.	22.00	
Wallace, Mammie F.	do.	48.00	
Walton, John R.	do.	48.00	
Whisler, Howard F.	do.	48.00	
Wilder, Thomas B.	do.	48.00	
Wilkinson, Thelma.	do. <sup>1</sup>	51.00	
Larson, H. B.	Rainfall observer, at \$1.25 per observation.	5.00	
Anderson, Craig.	Rainfall observer, at 50 cents per observation.	4.00	
Anderson, Andrew G.	do.	2.00	
Baker, D. M.	do.	.50	
Blake, H. B.	do.	4.00	
Britts, Samuel H.	do.	3.50	
Clark, P. L.	do.	1.00	
Coleman, Florence.	do.	1.50	
Crandall, B. D.	do.	2.00	
Crisp, Matthew L.	do.	3.00	
Crowther, Sam.	do.	.50	
Dearer, Frederick W.	do.	3.00	
De Long, Ollie.	do.	5.00	
Duckworth, Frederick W.	do.	7.00	
Durham, John F.	do.	1.00	
Ellsworth, Alva M.	do.	4.00	
Fairchild, C. Luverne.	do.	2.00	
Ford, Lizzie C.	do.	1.50	
Haberlein, Ed., jr.	do.	3.00	
Hawkins, Lee A.	do.	4.00	
Hayes, Mary A.	do.	2.00	
Hickson, J. L.	do.	.50	
Hopkins, H. S.	do.	3.50	
Jordan, Zack.	do.	.50	
Keese, Elizabeth C.	do.	1.00	
Keese, G. P.	do.	4.00	
Kelly, Sylvanus.	do.	1.00	

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 50 cents for each report delivered.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kiefer, R. J.	Rainfall observer, at 50 cents per observation.	\$2.00	
Kissenger, Charles E.	do.	1.50	
Lind, John	do.	.50	
McCabe, Thomas	do.	1.50	
Martin, J. Lake	do.	1.50	
Nicholson, Raymond B.	do.	7.00	
Painter, S. M.	do.	4.00	
Patton, C. A.	do.	1.50	
Pomeroy, James T.	do.	.50	
Quinlen, Irving W.	do.	2.00	
Raffensperger, E. H.	do.	6.00	
Reagan, B.	do.	1.00	
Regan, John P.	do.	1.50	
Rickenbrode, Mattie L.	do.	1.00	
Roberts, John K.	do.	12.00	
Ross, James A.	do.	2.00	
Scoville, Eunice R.	do.	2.00	
Shouse, J. W.	do.	.50	
Shumaker, C. W.	do.	2.00	
Smith, Pearl.	do.	2.00	
Stone, Ormand	do.	4.00	
Wright, Edward F.	do.	7.00	
Bailey, W. C.	Rainfall observer, at 25 cents per observation.	1.00	
Crum, R. C.	do.	.25	
Moon, Emery P.	do.	1.00	
Anthony, William B.	Cotton-region observer, at 20 cents per observation.	39.80	
Austin, James T.	do.	15.20	
Babb, Fred A.	do.	33.60	
Babb, Jeff J.	do.	6.00	
Ballard, O. O.	do.	15.40	
Barr, William Y.	do.	39.80	
Bee, William J.	do.	39.60	
Behymer, John L.	do.	20.20	
Bell, Annie M.	do.	39.60	
Bishop, Elmer C.	do.	2.20	
Black, Bessie J.	do.	8.00	
Blount, H. W.	do.	39.80	
Bohannon, Annie M.	do.	39.20	
Brislin, Andrew	do.	6.20	
Brosnan, George C.	do.	6.20	
Brown, Claude K.	do.	39.40	
Brown, Duncan S.	do.	39.80	
Burke, Richard S.	do.	39.80	
Caldwell, Robert L.	do.	39.80	
Calhoun, M. M.	do.	39.80	
Cantwell, Orlando F.	do.	39.80	
Carleton, Finis E.	do.	39.00	
Carriger, Blanche L.	do.	6.20	
Carter, John	do.	39.60	
Clark, Neal R.	do.	24.60	
Clark, Randall W.	do.	14.80	
Chapman, John A.	do.	39.80	
Cooper, Henry S. S.	do.	39.80	
Corsen, Theodore A.	do.	24.60	
Coleman, Florence	do.	39.80	
Cowan, Putnam L.	do.	39.60	
Cox, Charles D.	do.	39.80	
Cox, John M.	do.	39.80	
Crawford, William H.	do.	27.20	
Crisler, Henry H.	do.	39.60	
Crittenden, Sarah A.	do.	39.80	
Davidson, James J.	do.	39.80	
Davis, Benj. M.	do.	39.80	
Dickey, Lambert E.	do.	40.80	
Durham, Martha.	do.	24.60	
Edler, Wallace C.	do.	39.80	
Eisenlohr, G. Adolf.	do.	6.20	
Ellsworth, Alva M.	do.	39.80	
Enloe, Nathaniel O.	do.	24.20	



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Enloe, Van P.	Cotton-region observer, at 20 cents per observation	\$39.80	.....
Etheridge, A. Thos. B.	do.	39.80	.....
Eubank, Edwin M.	do.	6.20	.....
Ford, Lizzie C.	do.	39.80	.....
Forster, Jamie G.	do.	39.80	.....
Fort, Ethel.	do.	39.80	.....
Freeman, John A.	do.	24.60	.....
Frobese, Henry R.	do.	39.80	.....
Gibbs, Russell A.	do.	37.80	.....
Gibson, Edgar L.	do.	39.80	.....
Gilbert, Herbert K.	do.	39.60	.....
Godfrey, Ola T.	do.	6.20	.....
Godfrey, Wm. R.	do.	7.20	.....
Graham, Estelle.	do.	6.20	.....
Graham, Eva T.	do.	39.80	.....
Granberry, Joseph D.	do.	39.80	.....
Gregory, Luther W.	do.	15.20	.....
Hall, Sallie E.	do.	6.20	.....
Harbison, Mattie G.	do.	6.20	.....
Harrold, Frank P.	do.	15.20	.....
Hattermer, John F.	do.	15.20	.....
Hetherwick, Clarence J.	do.	2.20	.....
Hiers, Aquilla R.	do.	39.80	.....
Hill, James B.	do.	39.80	.....
Hillhouse, Alberta B.	do.	6.20	.....
Hite, Elbert J.	do.	39.80	.....
Hofman, Mary.	do.	39.80	.....
Hogins, John F.	do.	6.20	.....
Horry, Alfred R.	do.	39.80	.....
Houk, Nelson.	do.	39.80	.....
Howe, Victor L.	do.	10.00	.....
Hudson, James H.	do.	6.20	.....
Hughs, Fanny M.	do.	37.60	.....
Huson, Charles M.	do.	3.20	.....
Hutson, James G.	do.	39.80	.....
Johnson, Wade W.	do.	24.60	.....
Jones, Augustus B.	do.	39.60	.....
Jones, Josephine G.	do.	24.60	.....
Jones, Sarah B.	do.	15.20	.....
Jones, W. Goodrich.	do.	6.00	.....
Kern, Chas. L.	do.	15.20	.....
King, Robert L.	do.	39.80	.....
Kitchell, Horace G.	do.	6.20	.....
Knight, Maud E.	do.	39.80	.....
Kyle, Robert.	do.	6.20	.....
Land, Aaron J.	do.	15.20	.....
Lange, Mathilda E.	do.	39.80	.....
Lewis, George F.	do.	39.80	.....
Long, James W.	do.	23.00	.....
Longserre, Charles D.	do.	39.80	.....
Love, Fannie G.	do.	6.20	.....
Lucas, Ernest L.	do.	39.80	.....
Lucas, Jessie G.	do.	24.60	.....
McArthur, Clifford L.	do.	8.00	.....
McComb, Marcus G.	do.	39.80	.....
McCook, Anna R.	do.	39.80	.....
McNeel, Eddie.	do.	15.20	.....
McNeill, Fannie H.	do.	6.20	.....
Markham, William H.	do.	39.60	.....
Miller, Edward E.	do.	12.40	.....
Miller, Robert A.	do.	15.20	.....
Milner, Ida J.	do.	39.80	.....
Moore, David E.	do.	6.00	.....
Moore, Samuel.	do.	39.80	.....
Mosby, Langston B.	do.	39.80	.....
Moses, Harriett N.	do.	33.60	.....
Moses, Robert Y.	do.	6.20	.....
Murray, Thomas J.	do.	15.20	.....
Newman, Josephine.	do.	39.80	.....

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Newton, Edward A.	Cotton-region observer, at 20 cents per observation	\$24.60	
Nisbett, Herschel T.	do.	39.80	
Northcutt, Marion J.	do.	15.20	
Orr, Bertha D.	do.	6.20	
Parish, James L.	do.	18.40	
Patterson, Henry D.	do.	9.20	
Paxton, John J.	do.	36.60	
Fenn, Maud C.	do.	39.80	
Foole, Ransom R.	do.	39.80	
Propst, Charles A.	do.	29.80	
Quinn, Frank F.	do.	19.20	
Read, Andrew H., jr.	do.	39.80	
Reed, Marion D.	do.	39.80	
Regan, John P.	do.	39.80	
Robinson, Frank P.	do.	39.80	
Ruffin, James S.	do.	39.80	
Rutherford, Mary.	do.	38.60	
Sasser, Thomas.	do.	39.60	
Savage, William J.	do.	39.80	
Scott, John A.	do.	7.20	
Sellers, Lucy.	do.	39.80	
Shafer, John O.	do.	39.80	
Shelby, William A.	do.	24.60	
Shell, Daniel H.	do.	39.80	
Sinclair, Martha A.	do.	39.80	
Sloan, Bessie F.	do.	39.80	
Smith, Ella B.	do.	39.80	
Smith, Lewis A.	do.	24.40	
Smith, Lewis C.	do.	39.80	
Smith, Mary A.	do.	39.80	
Smith, Pearl.	do.	39.60	
Speidel John M.	do.	31.80	
Stannard, Virginia T.	do.	6.20	
Starke, Alice N.	do.	15.20	
Stickfort, Joe.	do.	39.80	
Strickland, Robert M.	do.	26.20	
Tanner, Walter I.	do.	37.60	
Taylor, Nettie B.	do.	39.80	
Towers, Pearl E.	do.	6.20	
Towers, William M., jr.	do.	6.20	
Tuttle, Arthur C.	do.	15.20	
Tuttle, Charles L.	do.	24.60	
Twitty, Annie L.	do.	39.60	
Tyer, William B.	do.	24.60	
Vann, Enoch J.	do.	39.80	
Walker, William C.	do.	39.80	
Wannamaker, John S.	do.	39.80	
Watson, William J.	do.	15.00	
Webber, Katherine I.	do.	39.80	
Weeks, William B.	do.	14.60	
Weir, Ruth L.	do.	6.20	
Wentz, Lulu M.	do.	39.80	
Whitcomb, Robert L.	do.	39.80	
White, John A.	do.	39.80	
Whitlock, John B.	do.	6.20	
Whitson, Henry L. D.	do.	39.80	
Wimberly, Clara O.	do.	6.20	
Yerby, William E. W.	do.	39.80	
Abell, J. J.	Corn and wheat region observer, at 20 cents per observation.	36.60	
Adams, Henry K.	do.	36.60	
Adams, E. H.	do.	36.60	
Adkins, Anna L.	do.	18.40	
Alcorn, Lucien C.	do.	36.60	
Anderson, A. G.	do.	36.60	
Atkinson, John B.	do.	36.60	
Bardwell, Henry U.	do.	18.30	
Barnes, Eli A.	do.	36.60	
Barnett, Samuel H.	do.	2.40	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bastien, Eugene A.	Corn and wheat region, at 20 cents per observation.	\$36.20	
Bates, Bion L.	do	18.20	
Bates, John J.	do	33.40	
Benecke, Louis.	do	18.40	
Berry, Henry S.	do	36.60	
Blacly, C. F.	do	6.20	
Bock, Angeline.	do	36.60	
Boyer, Edith E. L.	do	36.60	
Breiner, Wm.	do	36.60	
Brink, J. R.	do	36.40	
Buckles, Alfred Y.	do	36.60	
Carlson, Andrew J.	do	36.60	
Carpenter, Will I.	do	32.60	
Carter, Sarah E.	do	36.60	
Case, Samuel R.	do	36.00	
Causey, Mrs. Lillie G.	do	36.60	
Chenoweth, John I.	do	36.60	
Clingman, G. S.	do	36.60	
Colby, Oron J.	do	18.00	
Coonradt, Jacob H.	do	36.60	
Corrick, John H.	do	36.60	
Courtwright, Samuel W.	do	36.60	
Cramb, W. F.	do	36.60	
Crooke, John W.	do	36.60	
Davis, Edna J.	do	36.60	
Davis, George W.	do	36.60	
Davis, Lewis E.	do	36.60	
Davisson, W. J.	do	36.60	
Delano, W. H.	do	36.60	
Doolittle, Frances C.	do	36.60	
Downey, Clauson W.	do	36.60	
Ducharme, John.	do	18.40	
Eckstein, Andrew J.	do	36.60	
Engstrom, Charles.	do	36.60	
Ewing, David E.	do	36.60	
Faris, William I.	do	3.20	
Faxon, George B.	do	18.60	
Fisher, William L.	do	36.60	
Frick, John H.	do	36.60	
Gallett, D. G.	do	36.60	
Gray, Clinton C.	do	36.60	
Gray, Reuben.	do	18.20	
Greene, William J.	do	36.60	
Guthe, Karl E.	do	12.40	
Haberlein, Ed. F.	do	36.20	
Hadden, David E.	do	36.60	
Haight, Hiram H.	do	36.60	
Hall, A. S.	do	36.60	
Harris, George.	do	36.00	
Heilshorn, John F.	do	36.60	
Helder, George K.	do	30.40	
Henderson, Walter H.	do	36.60	
Henning, Carl F.	do	36.20	
Higginbotham, Lucius A.	do	18.20	
Higginbotham, Richard L.	do	18.40	
Holstrom, Aaron G.	do	36.60	
Hood, James F.	do	36.60	
Hopley, James R.	do	36.60	
Huffman, Jacob R.	do	36.60	
Hussey, William J.	do	36.60	
Jones, Wm. J., Jr.	do	36.60	
Judd, Chester C.	do	18.40	
Katzenberger, George A.	do	36.60	
Keithly, John W.	do	36.60	
Kuhlman, Josie B.	do	36.00	
Landes, John H.	do	36.60	
Lane, Cory L.	do	36.60	
Lemberger, Chas.	do	34.20	

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lester, E. W.....	Corn and wheat region, at 20 cents per observation.	\$36.60	.....
List, Garrett V.....	do.	36.60	.....
Llewellyn, J. F.....	do.	36.60	.....
Lorbach, David.....	do.	18.40	.....
Lorbach, Herrmann A.....	do.	18.20	.....
Lynch, Owen M.....	do.	18.20	.....
Mann, Milton P.....	do.	4.00	.....
Mansfelde, A. S.....	do.	36.60	.....
Marsh, Mary D.....	do.	6.20	.....
Massena, Chas.....	do.	36.60	.....
Mikesell, Thomas.....	do.	36.60	.....
Monk, John F.....	do.	36.60	.....
Moser, E. A.....	do.	36.60	.....
Moyer, Lloyd G.....	do.	36.60	.....
Musil, Agnes.....	do.	12.40	.....
Naylor, George M.....	do.	16.60	.....
Neissess, John T.....	do.	36.40	.....
Nesbit, Marguerite.....	do.	36.60	.....
Newton, Martin L.....	do.	36.60	.....
O'Connell, James.....	do.	36.40	.....
Ormsby, Harry L.....	do.	36.60	.....
Parmalee, John B.....	do.	36.60	.....
Partridge, Irving T.....	do.	36.60	.....
Peltier, Allie.....	do.	36.60	.....
Peoples, George W.....	do.	36.60	.....
Perry, John A.....	do.	36.40	.....
Peters, John A.....	do.	36.60	.....
Peterson, Augustus O.....	do.	36.60	.....
Phillips, Victor E.....	do.	36.60	.....
Pike, Maud S.....	do.	36.60	.....
Poling, Nella.....	do.	36.60	.....
Poppe, Max E., jr.....	do.	36.60	.....
Porter, Hosmer C.....	do.	36.60	.....
Preissler, H. W.....	do.	17.00	.....
Ramsey, Earl E.....	do.	36.60	.....
Randle, Wilbur F.....	do.	36.60	.....
Reasoner, Ralph B.....	do.	24.20	.....
Robinson, Robert C.....	do.	18.20	.....
Salick, Chas. J.....	do.	36.60	.....
Sharp, A. J.....	do.	36.60	.....
Shaver, John F.....	do.	36.60	.....
Shaver, Elmer A.....	do.	36.60	.....
Shaw, Mabel S.....	do.	18.40	.....
Sheldon, Albert.....	do.	36.60	.....
Sheridan, Mary W. C.....	do.	36.60	.....
Shumaker, Chas. W.....	do.	18.20	.....
Smith, Arthur G.....	do.	24.00	.....
Starks, Ralph V.....	do.	36.60	.....
Steele, Theo. P.....	do.	36.40	.....
Stokey, Charles F.....	do.	36.60	.....
Stovall, Edgar S.....	do.	18.40	.....
Swaim, Henry H.....	do.	36.60	.....
Swartz, John C.....	do.	36.60	.....
Sweetser, Edward F.....	do.	36.60	.....
Swift, Emma.....	do.	36.60	.....
Talbott, Geo. M.....	do.	36.60	.....
Turrell, Homer B.....	do.	36.60	.....
Twyman, Henry P.....	do.	36.60	.....
Unumb, Peter O.....	do.	36.60	.....
Van Sandt, A. S.....	do.	36.60	.....
Walling, Plympton A.....	do.	36.60	.....
Warner, Frank C.....	do.	18.40	.....
Webb, M. A.....	do.	36.60	.....
White, Fred U.....	do.	36.60	.....
White, William C.....	do.	36.60	.....
Wolfe, Cathryne.....	do.	36.60	.....
Wood, Charles E.....	do.	36.60	.....
Woodward, Ira L.....	do.	36.60	.....
Woodward, Truman S.....	do.	36.60	.....
Woolner, James.....	do.	36.60	.....
Worcester, Uri B.....	do.	36.60	.....



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Armstrong, Eugene H.....	River observer, at \$10 and \$15 per month.....	\$90.00	.....
Armstrong, Teny P.....	River observer, at \$15 per month.....	30.00	.....
Forsyth, Missouri B.....	River observer, at \$10 and \$15 per month.....	165.00	.....
Goodman, John O.....	River observer, at \$15 per month.....	135.00	.....
Heintz, Philip.....	do. <sup>1</sup> .....	91.00	.....
Holmes, Walter D.....	do.....	45.00	.....
Hutchison, Lon H.....	River observer, at \$10 and \$15 per month.....	165.00	.....
Rhoades, Lulu.....	River observer, at \$15 per month.....	15.00	.....
Schaum, Cora A.....	River observer, at \$10 and \$15 per month.....	165.00	.....
Faris, James C.....	River observer, at \$9 and \$12.50 per month <sup>2</sup> .....	134.93	.....
Albert, Mrs. Daisy L.....	River observer, at 50 cents per observation and \$10 per month. <sup>3</sup> .....	84.25	.....
Allen, Ivy W.....	River observer, at \$10 per month.....	10.00	.....
Alles, John W.....	do. <sup>3</sup> .....	121.00	.....
Anderson, Stephen B.....	do.....	120.00	.....
Ayres, William F.....	do. <sup>3</sup> .....	50.25	.....
Babb, Carl M.....	River observer, at \$7 and \$10 per month <sup>2</sup> .....	106.80	.....
Back, Louis.....	do.....	105.00	.....
Baird, Herbert L.....	do. <sup>3</sup> .....	105.50	.....
Baker, William L.....	River observer, at \$10 per month.....	23.00	.....
Baldwin, Melville P.....	do. <sup>3</sup> .....	121.75	.....
Bancks, George F.....	do. <sup>3</sup> .....	120.25	.....
Barker, Frank M.....	River observer, at \$7 and \$10 per month <sup>2</sup> .....	100.00	.....
Beal, Fred.....	do. <sup>3</sup> .....	109.20	.....
Bernard, Amasa.....	River observer, at \$10 per month.....	10.00	.....
Bishop, Birdie E.....	do.....	70.00	.....
Blake, William L.....	do.....	70.00	.....
Blirup, Carl J.....	do. <sup>3</sup> .....	62.50	.....
Blundell, William C.....	do.....	119.67	.....
Bott, Elmo Martin.....	do.....	10.00	.....
Bridge, Harry P.....	do. <sup>3</sup> .....	70.75	.....
Bridge, Sophie.....	do.....	120.00	.....
Briggs, Edgar G.....	do. <sup>3</sup> .....	81.50	.....
Brislin, Charles F.....	do.....	10.00	.....
Brockman, W. S.....	River observer, at 25 cents per observation and \$10 per month.....	60.25	.....
Brooks, Samuel L.....	River observer, at \$7 and \$10 per month.....	99.00	.....
Brosman, Sarah W.....	River observer, at \$10 per month.....	10.00	.....
Brown, Allen W.....	do.....	10.00	.....
Brown, William C.....	River observer, at \$12 per month <sup>4</sup> .....	144.75	.....
Bruns, Charles N.....	River observer, at \$10 per month.....	87.00	.....
Bruns, Mertie M.....	do.....	33.00	.....
Bull, Hiram E.....	River observer, at \$7 and \$10 per month.....	105.50	.....
Burtner, Anna R.....	River observer, at \$10 per month.....	141.00	.....
Buttram, Burl W.....	do.....	16.00	.....
Calhoun, William H.....	do.....	120.00	.....
Carr, John C.....	do.....	120.00	.....
Carriger, Ernest A.....	do.....	10.00	.....
Clark, Robert W.....	do.....	30.00	.....
Clement, Robert W.....	do. <sup>4</sup> .....	65.30	.....
Coburn, Malinda E.....	do. <sup>4</sup> .....	151.30	.....
Covington, Jerry A.....	do.....	60.00	.....
Creary, Frank A.....	do.....	70.00	.....
Crossen, Elmer M.....	do.....	70.00	.....
Crumbliss, Henry.....	do. <sup>5</sup> .....	166.65	.....
Daly, John E.....	do.....	70.00	.....
Daly, Vella V.....	do. <sup>4</sup> .....	120.50	.....
Dean, George H.....	do. <sup>4</sup> .....	10.25	.....
Denny, Leo Clyda.....	do.....	5.67	.....
Disney, Margaret T.....	River observer, at \$7 and \$10 per month.....	94.00	.....
Dixon, Frank E.....	River observer, at \$10 per month <sup>3</sup> .....	127.25	.....
Drewry, William N.....	do.....	74.67	.....
Drummond, Norvel R.....	River observer, at \$7 and \$10 per month.....	102.00	.....

<sup>1</sup> \$1 for each observation in addition to one a day.

<sup>2</sup> 10 cents for each observation in addition to one a day.

<sup>3</sup> 25 cents for each observation in addition to one a day.

<sup>4</sup> 10 cents for each report delivered.

<sup>5</sup> 15 cents for each report delivered.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1919, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Duncan, Helen T.	River observer, at \$10 per month.	\$120.00	-----
Duncan, Thomas M.	do. <sup>1</sup>	125.25	-----
Dunn, Euphrates N.	do.	13.00	-----
Eakin, W. Edward	do. <sup>1</sup>	121.50	-----
Eckstein, Henry	River observer, at 50 cents per observation and \$10 per month.	51.00	-----
Edeler, James O.	River observer, at \$10 per month.	70.00	-----
Eisenlohr, Frederick W.	do.	10.00	-----
Ellis, George	do.	24.92	-----
Ellis, George W.	do. <sup>2</sup>	54.25	-----
Estes, George M.	do. <sup>3</sup>	151.10	-----
Eubank, Lillian M.	do.	10.00	-----
Field, Gracie	do. <sup>3</sup>	150.80	-----
Fisher, John W.	River observer, at \$7 and \$10 per month <sup>3</sup>	98.60	-----
Flagg, Lester M.	River observer, at \$10 per month <sup>4</sup>	70.50	-----
Floyd, George A.	River observer, at \$7 and \$10 per month <sup>3</sup>	96.65	-----
Fogalsang, Frank M.	River observer, at \$10 per month <sup>4</sup>	79.00	-----
Fokes, Robert E.	do.	45.33	-----
Forbes, Grant.	River observer, at \$3, \$7, and \$10 per month <sup>1</sup>	66.25	-----
Forney, Emmy L.	River observer, at 25 cents per observation and \$10 per month.	10.75	-----
Fowler, Saunders A.	River observer, at \$10 per month	120.00	-----
French, F. M.	do. <sup>1</sup>	121.50	-----
George, David B.	River observer, at \$7 and \$10 per month <sup>3</sup>	104.40	-----
Gibson, James B.	River observer, at \$10 per month.	120.00	-----
Gilliland, Daniel B., jr.	do.	74.67	-----
Gillis, James A.	River observer, at \$7 and \$10 per month.	33.50	-----
Gillum, Robert G.	River observer, at \$4 and \$10 per month.	90.00	-----
Glover, Amelia	River observer, at \$10 per month.	120.00	-----
Gollon, Frank L.	do. <sup>1</sup>	120.75	-----
Goodhue, David P.	do. <sup>1</sup>	121.00	-----
Goodrich, Ralph C.	do. <sup>1</sup>	120.50	-----
Graham, Nellie	do.	10.00	-----
Grayson, Eary F.	do.	120.00	-----
Greenway, Jasper L.	do.	12.00	-----
Greist, Oliver H.	River observer, at 50 cents per observation and \$10 per month.	72.50	-----
Guise, Henry H.	River observer, at \$7 and \$10 per month <sup>1</sup>	106.50	-----
Hall, Edward H.	River observer, at \$10 per month <sup>2</sup>	12.70	-----
Hall, Frank P.	do. <sup>1</sup>	129.50	-----
Hall, Joseph A.	do.	38.33	-----
Hamrick, Porter S.	do.	40.00	-----
Hansen, Peter	do.	70.00	-----
Harbison, Richard T.	do.	10.00	-----
Harding, Alvin M.	River observer, at \$7 and \$10 per month.	114.00	-----
Harrison, William	River observer, at \$10 per month.	120.00	-----
Headrick, Alice L.	do.	37.00	-----
Helms, Lattus C.	do. <sup>1</sup>	120.25	-----
Hemstreet, Obadiah	River observer, at \$7 and \$10 per month <sup>1</sup>	105.75	-----
Higdon, Carrie W.	River observer, at \$10 per month.	120.00	-----
Hilton, Walter A.	do.	120.00	-----
Hoes, Robert L.	River observer, at \$7 and \$10 per month.	92.00	-----
Holland, John W.	do. <sup>2</sup>	106.80	-----
Hornbrook, Alfred B.	River observer, at \$10 per month <sup>1</sup>	120.50	-----
Hudson, James M.	do.	10.00	-----
Hughes, Albert V.	do.	10.00	-----
Hutton, Frank O.	do. <sup>4</sup>	71.00	-----
Isham, William N.	River observer, at \$7 and \$10 per month <sup>1</sup>	66.85	-----
Johnson, Thomas A.	River observer, at \$10 per month <sup>2</sup>	199.25	-----
Jones, Noble C.	River observer, at \$7 and \$10 per month.	27.50	-----
Kelly, Steve B.	River observer, at \$10 per month.	120.00	-----
Keyser, James F.	do.	120.00	-----
Kinsey, Virgil E.	do.	120.00	-----
Kirk, Wm. J.	do. <sup>1</sup>	121.00	-----

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 10 cents for each report delivered.

<sup>3</sup> 10 cents for each observation in addition to one a day.

<sup>4</sup> 50 cents for each observation in addition to one a day.

<sup>5</sup> 25 cents for each report delivered.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
	River observer, at \$10 per month.....		
Kramer, Ella L.....	do. <sup>1</sup> .....	\$106.00	
Lauritzen, Roland.....	do.....	70.00	
Leigh, Cassius T.....	do.....	114.33	
Libby, Hearty T., jr.....	do.....	70.00	
Lightner, Scott W.....	do.....	120.00	
Logan, Benjamin C.....	do.....	120.00	
Long, Luther S.....	do.....	120.00	
Lorentz, Edward C.....	do. <sup>1</sup> .....	130.75	
Love, Joseph B.....	do.....	10.00	
McGowan, Robert T.....	do. <sup>1</sup> .....	125.00	
McMahon, Austin.....	do.....	75.00	
McMeekin, Thos. L.....	do. <sup>1</sup> .....	60.25	
McNeill, Charles B.....	do.....	10.00	
Maddocks, William F.....	River observer, at 50 cents per observation and \$10 per month.....	20.50	
Marsh, Henry N.....	River observer, at \$10 per month.....	10.00	
Martin, Minnie E.....	do.....	120.00	
Matthews, Sallie B.....	do.....	120.00	
Maushund, Chas. T.....	do. <sup>1</sup> .....	122.00	
Miller, John A.....	do. <sup>1</sup> .....	121.00	
Modisett, B. F.....	do.....	10.00	
Moore, Ernie J.....	do.....	90.00	
Moore, Henry.....	do. <sup>2</sup> .....	71.00	
Moore, Robert L.....	do. <sup>3</sup> .....	55.33	
Myers, Mary C. (Mrs.).....	do.....	70.00	
Nelles, Annie V.....	do.....	30.00	
Norton, Grace G.....	do. <sup>1</sup> .....	70.25	
Orr, Harry S.....	do.....	10.00	
Ostrom, Oscar.....	River observer, at \$7 and \$10 per month.....	105.00	
Oswald, Geo. W.....	River observer, at \$10 per month.....	90.00	
Oswald, Evie.....	do. <sup>1</sup> .....	120.25	
Palmer, Henry J.....	do.....	70.00	
Park, John F.....	do.....	10.00	
Payton, John E.....	do. <sup>4</sup> .....	154.50	
Pegram, Geo. E.....	do. <sup>1</sup> .....	120.25	
Phillips, Hattie M.....	do. <sup>1</sup> .....	151.65	
Pickering, Earl C.....	do. <sup>1</sup> .....	120.25	
Piper, Abram A.....	River observer, at \$7 and \$10 per month.....	99.00	
Plantz, Jerry S.....	do.....	97.50	
Powe, John H.....	River observer, at \$10 per month.....	12.17	
Proudfoot, Francis R.....	do. <sup>1</sup> .....	128.50	
Pyle, Grant.....	do. <sup>1</sup> .....	128.50	
Quarterman, Robert H.....	do.....	120.00	
Ragsdale, John R.....	River observer, at \$7 and \$10 per month <sup>5</sup> .....	47.30	
Randecker, Calvin.....	River observer, at \$10 per month <sup>1 6</sup> .....	122.80	
Randolph, George V.....	do. <sup>1</sup> .....	51.50	
Raymond, Alice J.....	do. <sup>2</sup> .....	51.00	
Rice, Lily.....	do. <sup>1</sup> .....	55.50	
Richter, Henry E.....	do.....	70.00	
Rinkle, Maggie.....	do. <sup>3</sup> .....	141.92	
Ritson, Tom.....	do. <sup>3</sup> .....	108.31	
Rivers, Marion C.....	do.....	53.33	
Roberts, Arthur.....	do. <sup>1</sup> .....	120.75	
Roberts, James H.....	do.....	40.00	
Rodibaugh, Lewis C.....	do. <sup>1</sup> .....	127.00	
Rose, Eugene L.....	River observer, at \$7 and \$10 per month.....	47.33	
Ruff, Paul G.....	River observer, at \$10 per month.....	120.00	
Salver, Herbert.....	do.....	70.00	
Schaefer, Gustave.....	do.....	60.00	
Seamands, Oscar A.....	do.....	70.00	

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 50 cents for each observation in addition to one a day.

<sup>3</sup> 25 cents for each report delivered.

<sup>4</sup> 10 cents for each report delivered.

<sup>5</sup> 10 cents for each observation in addition to one a day.

<sup>6</sup> 15 cents for each report delivered.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Shaughnessy, James J.....	River observer, at \$7 and \$10 per month <sup>1</sup> .....	\$103.75	
Sheafe, Lemuel B.....	River observer, at \$10 per month <sup>2</sup> .....	70.50	
Shelby, William W.....	do.....	85.66	
Simpson, Anna.....	do. <sup>1</sup> .....	122.00	
Sinclair, William F.....	do.....	70.00	
Smith, D. Wilson.....	River observer, at \$7 and \$10 per month <sup>1</sup> .....	119.00	
Spence, Thomas C.....	do. <sup>3</sup> .....	112.00	
Spencer, Charles M.....	River observer, at \$10 per month.....	120.00	
Spivey, Mary O.....	do.....	10.00	
Staehr, Bertha.....	River observer, at \$7 and \$10 per month.....	99.00	
Stannard, Eugene.....	River observer, at \$10 per month.....	10.00	
Stephen, James H.....	do.....	10.00	
Stoner, William H.....	do. <sup>1</sup> .....	120.25	
Summers, Alvie L.....	River observer, at \$7 and \$10 per month <sup>1</sup> .....	102.25	
Swan, James E.....	do. <sup>4</sup> .....	102.10	
Swift, Nelson O.....	River observer, at \$10 per month.....	50.00	
Teter, Lelia I.....	do. <sup>1</sup> .....	120.25	
Thompson, John.....	do.....	120.00	
Thompson, Joseph B.....	River observer, at \$7 and \$10 per month.....	74.00	
Towers, William M.....	River observer, at \$10 per month.....	10.00	
Turk, Henry.....	do. <sup>1</sup> .....	140.75	
Utley, Burwell J.....	do. <sup>5</sup> .....	131.00	
Venable, Lula E.....	do.....	120.00	
Ward, John M.....	River observer, at \$7 and \$10 per month <sup>6</sup> .....	107.00	
Weeks, John S.....	River observer, at \$10 per month <sup>1</sup> .....	120.50	
Weir, John C.....	River observer, at \$10 per month.....	10.00	
Wentworth, Hollis A.....	do.....	60.00	
Wheeler, John B.....	do.....	91.67	
White, Lawrence.....	do. <sup>2</sup> .....	71.00	
Williams, Anthony R.....	do. <sup>1</sup> .....	89.58	
Williams, Ira M.....	do.....	30.00	
Williams, Thomas M.....	do. <sup>3</sup> .....	198.00	
Willis, James L.....	do.....	120.00	
Willis, Leonard W.....	do.....	10.00	
Wood, Robert H.....	do. <sup>1</sup> .....	119.01	
Wyman, Wm. S.....	do. <sup>1</sup> .....	120.75	
Zimmerman, William R.....	River observer, at \$7 and \$10 per month <sup>6</sup> .....	53.67	
Hall, Raymond.....	River observer, at \$7.50 per month.....	67.50	
Kichemaster, Edward.....	do.....	67.50	
Lapish, James W.....	do.....	67.50	
Laury, Niels L. S.....	do. <sup>1</sup> .....	92.25	
Van Gasken, William P.....	do.....	60.00	
Allen, Henry D.....	River observer, at \$7 per month <sup>1</sup> .....	84.25	
Andrews, Elmer C.....	do. <sup>2</sup> .....	53.00	
Bellamy, David W.....	do.....	84.00	
Bender, John.....	do.....	84.00	
Blake, Sadie H.....	do. <sup>1</sup> .....	85.25	
Blocker, Joseph Y.....	do.....	42.00	
Bloss, Richard P.....	do.....	28.00	
Boone, Armstead L.....	do.....	1.40	
Booth, Tom R.....	do.....	84.00	
Booze, Dudley D.....	do. <sup>1</sup> .....	86.50	
Boulineau, B. D.....	do.....	84.00	
Boyd, Charles.....	do.....	18.57	
Boyett, Robert E.....	do. <sup>1</sup> .....	85.00	
Brinkoetter, Frederick J.....	do.....	21.00	
Budd, De Wayne B.....	do. <sup>1</sup> .....	22.25	
Burton, William.....	do. <sup>1</sup> .....	22.50	
Cann, George W.....	do.....	84.00	
Chase, Ezekiel L.....	do.....	28.00	
Chipman, Frank H.....	do.....	42.00	
Cluett, Sanford L.....	do.....	28.00	
Collins, Earl B.....	do. <sup>1</sup> .....	49.50	

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 50 cents for each observation in addition to one a day.

<sup>3</sup> 25 cents for each report delivered.

<sup>4</sup> 10 cents for each report delivered.

<sup>5</sup> 50 cents for each report delivered.

<sup>6</sup> 10 cents for each observation in addition to one a day.



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Colwell, Timothy.....	River observer, at \$7 per month.....	\$28.00	.....
Compton, Zachary J.....	do. <sup>1</sup> .....	86.00	.....
Condra, James.....	do. <sup>1</sup> .....	63.00	.....
Cone, Oscar M.....	do. <sup>1</sup> .....	87.25	.....
Corey, Spencer J.....	do. <sup>1</sup> .....	16.57	.....
Cosby, Andrew B.....	do. <sup>1</sup> .....	84.00	.....
Costigan, Lillie M.....	do. <sup>1</sup> .....	22.50	.....
Culbertson, Robert S.....	do. <sup>1</sup> .....	52.50	.....
Cushman, Benjamin R.....	do. <sup>1</sup> .....	16.57	.....
Dean, James L.....	do. <sup>1</sup> .....	42.00	.....
Dennis, Bettie M.....	do. <sup>1</sup> .....	85.00	.....
Dixon, George E.....	do. <sup>2</sup> .....	36.00	.....
Ellison, Emil O.....	do. <sup>2</sup> .....	25.00	.....
Estes, Wiley H.....	do. <sup>1</sup> .....	22.50	.....
Evans, George W.....	do. <sup>1</sup> .....	21.00	.....
Exner, Oscar G.....	do. <sup>1</sup> .....	43.00	.....
Fisher, Albert.....	do. <sup>1</sup> .....	28.00	.....
Frantz, John W.....	do. <sup>1</sup> .....	85.75	.....
Gaillard, Pierre.....	do. <sup>1</sup> .....	31.50	.....
Gallagher, James C.....	do. <sup>1</sup> .....	42.00	.....
Glanville, Clarence P.....	do. <sup>1</sup> .....	21.00	.....
Godfrey, Lawrence D., jr.....	do. <sup>1</sup> .....	7.00	.....
Hall, William P.....	do. <sup>1</sup> .....	7.00	.....
Hancock, John H.....	do. <sup>1</sup> .....	84.00	.....
Hanson, Aaron H.....	do. <sup>1</sup> .....	42.00	.....
Hearne, Reuben M.....	do. <sup>1</sup> .....	14.00	.....
Heldt, Oscar M.....	do. <sup>1</sup> .....	50.25	.....
Hesser, John W.....	do. <sup>1</sup> .....	52.50	.....
Hicken, William A.....	do. <sup>1</sup> .....	42.00	.....
Hill, Norman.....	do. <sup>1</sup> .....	49.50	.....
Hillon, John M.....	do. <sup>1</sup> .....	86.00	.....
Hollister, Abram M.....	do. <sup>1</sup> .....	28.00	.....
Holt, John.....	do. <sup>1</sup> .....	84.00	.....
Houghton, Wm. H.....	do. <sup>1</sup> .....	49.00	.....
Howe, Sidney J.....	do. <sup>1</sup> .....	84.00	.....
Hubbell, Walter.....	do. <sup>2</sup> .....	32.00	.....
Hurd, William L.....	do. <sup>1</sup> .....	22.25	.....
Jefferson, Ernest M.....	do. <sup>1</sup> .....	22.13	.....
Johnson, John M.....	do. <sup>1</sup> .....	85.25	.....
Johnson, Oscar.....	do. <sup>1</sup> .....	21.00	.....
Kirkbride, William R.....	do. <sup>1</sup> .....	85.00	.....
Koepnick, Herman.....	do. <sup>1</sup> .....	85.50	.....
Ligon, James A.....	do. <sup>1</sup> .....	84.25	.....
Lynch, John R.....	do. <sup>1</sup> .....	14.00	.....
McCall, Henry B.....	do. <sup>1</sup> .....	87.25	.....
McLeod, Benjamin B.....	do. <sup>1</sup> .....	42.00	.....
McLeod, John E.....	do. <sup>1</sup> .....	23.80	.....
McVeigh, Dennis O.....	do. <sup>1</sup> .....	22.25	.....
Mackey, John B.....	do. <sup>1</sup> .....	25.43	.....
Mallory, Lester W.....	do. <sup>1</sup> .....	78.50	.....
Malone, John C.....	do. <sup>1</sup> .....	17.50	.....
Marsh, Stephen D.....	do. <sup>1</sup> .....	22.25	.....
Marshall, Robert S.....	do. <sup>1</sup> .....	28.00	.....
Mason, Joel M.....	do. <sup>1</sup> .....	85.25	.....
Matthews, William E.....	do. <sup>1</sup> .....	22.25	.....
Matthews, Alline O.....	do. <sup>1</sup> .....	8.17	.....
Medlock, William O.....	do. <sup>1</sup> .....	14.00	.....
Miller, Jacob.....	do. <sup>1</sup> .....	85.25	.....
Miller, Lee F.....	River observer, at \$4 and \$7 per month.....	24.23	.....
Molis, William P.....	River observer, at \$7 per month.....	42.00	.....
Monroe, Gamaliel H.....	River observer, at 25 cents per observation and \$7 per month. <sup>1</sup> .....	44.00	.....
Murphy, Frances D.....	River observer, at \$7 per month.....	65.00	.....
Nafus, Nellie.....	do. <sup>1</sup> .....	84.00	.....
Newton, William J.....	do. <sup>1</sup> .....	21.50	.....
Norton, Duncan A.....	River observer, at 25 cents per observation and \$7 per month. <sup>1</sup> .....	45.75	.....

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Norton, Martin.....	River observer, at 50 cents per observation and \$7 per month. <sup>1</sup>	\$51.25	
Oldham, Jesse V.....	River observer, at \$7 per month <sup>1</sup>	86.50	
Oleson, Eric.....	do.	22.25	
Ormsby, Avery H.....	do.	28.00	
Palmer, Herbert E.....	River observer, at 50 cents per observation and \$7 per month.	49.50	
Parlay, Frank A.....	River observer, at \$7 per month.	14.00	
Payne, Arthur B.....	do. <sup>1</sup>	86.50	
Perley, Frank A.....	do.	42.00	
Pfeiffer, Peter J.....	do.	84.00	
Phillips, John A.....	River observer, at 50 cents per observation and \$7 per month.	33.50	
Pickard, Peter C.....	River observer, at \$7 per month.	28.00	
Pipal, Henry E.....	do. <sup>2</sup>	53.00	
Power, Marcus C.....	do.	84.00	
Pritchard, Isaac.....	do.	14.00	
Pritchard, James A.....	River observer, at 50 cents per observation and \$7 per month.	22.00	
Pruett, James H.....	River observer, at \$7 per month <sup>1</sup>	64.75	
Purcell, Thomas.....	do.	84.00	
Quattlebaum, Paul.....	do. <sup>1</sup>	85.75	
Quigley, David O.....	do.	17.50	
Reed, James M.....	do.	84.00	
Ritchey, Isaac.....	do. <sup>1</sup>	32.25	
Roberts, Luke.....	do.	42.00	
Roers, Frank R.....	do.	41.77	
Rork, Harry T.....	do.	17.73	
Sayers, B. Wilber.....	do.	14.00	
Schmitt, Frank W.....	do. <sup>1</sup>	86.25	
Sherman, Theodore W.....	do.	84.00	
Sickman, Albert F.....	do. <sup>1</sup>	45.00	
Slade, Orien L.....	do.	84.00	
Smith, Josie G.....	do.	84.00	
Smith, Lobert.....	do.	84.03	
Sneed, Fannie.....	do.	84.00	
Spencer, Addison M.....	do.	28.00	
Spencer, Sheridan H.....	do.	24.26	
Sprague, Catherine.....	do.	84.00	
Stark, John.....	do.	28.00	
Strange, Claude.....	do.	21.00	
Streeter, Hiram R.....	do. <sup>1</sup>	22.25	
Tibbits, Henry B.....	do.	17.73	
Toogood, Royal S.....	do.	84.00	
Townsley, Charles S.....	do.	16.10	
Tucker, John J.....	do. <sup>1</sup>	85.00	
Van Etten, Daniel B.....	do. <sup>1</sup>	84.50	
Voorhees, Chas. H., jr.....	do. <sup>1</sup>	49.75	
Vrooman, William C.....	do. <sup>1</sup>	28.00	
Walker, Walter G.....	do.	84.00	
Watkins, Charles G.....	do. <sup>1</sup>	84.25	
Weddle, Noah S.....	do.	35.00	
Welch, John T.....	do.	84.00	
West, Thomas C.....	do.	14.00	
Whipple, Susan P.....	do.	56.00	
Whittier, Walter R. B.....	do.	70.00	
Wilkinson, Roscoe T.....	do.	28.00	
Wilkinson, William M.....	do.	49.00	
Willis, Wilbur F.....	do.	28.00	
Wintermute, Franklin C.....	do. <sup>1</sup>	86.75	
Wolfe, William B.....	do.	84.00	
Wood, Archie N.....	do.	16.33	
Wood, Lulu.....	do.	84.00	
Wright, George A.....	River observer, at \$1 per observation and \$4 and \$7 per month.	79.00	
Yager, Franklin.....	River observer, at \$7 per month <sup>1</sup>	85.75	
York, Charles V.....	do.	70.00	
Young, Charles W.....	do.	28.00	

<sup>1</sup> 25 cents for each observation in addition to one a day.

<sup>2</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Young, Willard.....	River observer, at \$7 per month.....	\$28.00	.....
Zirjacks, Charles C.....	do.....	84.00	.....
Suter, John D.....	River observer, at \$6 per month.....	72.00	.....
Barker, Charles.....	River observer, at \$5 per month.....	30.00	.....
Brooks, Millard F.....	do.....	30.00	.....
Brown, James McCrum.....	do.....	20.00	.....
Butler, Margaret A.....	do.....	60.00	.....
Carter, Robert S.....	do.....	20.00	.....
Leonard, Muriel.....	do.....	60.00	.....
McBride, Ella F.....	River observer, at \$1 per observation and \$5 per month. <sup>1</sup>	17.50	.....
Matlock, Luda.....	River observer, at 50 cents per observation and \$1 per observation and \$5 per month.	24.00	.....
Mooney, William C.....	River observer, at \$5 per month.....	45.00	.....
Quy, Charles.....	River observer, at 50 cents per observation and \$5 per month.	21.50	.....
Taylor, M. Stanton.....	River observer, at \$5 per month. <sup>2</sup> .....	63.75	.....
Welch, John L.....	do.....	60.00	.....
Boddie, John B.....	River observer, at \$4 per month.....	48.00	.....
Caldwell, Robert L.....	River observer, at 25 cents per observation and \$4 per month. <sup>2</sup>	26.25	.....
Ling, Joseph A.....	River observer, at \$4 per month.....	30.00	.....
Patton, Glenn R.....	do. <sup>1</sup> .....	67.50	.....
Dennison, Thomas O.....	River observer, at \$3 per month.....	6.00	.....
Hall, Lemuel.....	do.....	36.00	.....
Irwin, James C.....	do.....	36.00	.....
Kingsnorth, Samuel.....	do.....	36.00	.....
Trine, William H.....	do.....	30.00	.....
Yeager, Weldy Smith.....	River observer, at \$1 per month. <sup>1</sup> .....	21.00	.....
Armstrong, David H.....	River observer, at \$1 per observation.....	10.00	.....
Bannister, E. R.....	do.....	1.00	.....
Crompton, Wm. J.....	do.....	10.00	.....
Cummings, Jeremiah H.....	do.....	12.00	.....
Hinds, L. C.....	do.....	6.00	.....
Howe, H. A.....	do.....	2.00	.....
Lewis, W. R.....	do.....	2.00	.....
Nilsen, Francis.....	do.....	21.00	.....
Ogle, A. D.....	do.....	1.00	.....
Prentiss, G. A.....	River observer, at 50 cents and \$1 per observation.	9.00	.....
Walker, John.....	River observer, at \$1 per observation.....	8.00	.....
West, Matthew W.....	do.....	7.00	.....
Wilson, Dora.....	do.....	7.00	.....
Brown, O. L.....	River observer, at 50 cents per observation.....	8.00	.....
Brown, Owen L.....	do.....	1.50	.....
Causey, A. M.....	do.....	8.00	.....
Cleary, William P.....	do.....	5.00	.....
Droddy, Charles A.....	do.....	4.00	.....
Gast, N. J.....	do.....	5.00	.....
Greene, Roger.....	do.....	5.50	.....
Hailey, Alexander C.....	do.....	1.50	.....
Haines, Vere J.....	do.....	8.00	.....
Heintz, Philip.....	do.....	.50	.....
Huber, Carl A.....	do.....	3.00	.....
Jeffries, Ada.....	do.....	13.50	.....
King, J. T.....	do.....	3.50	.....
Lee, H. W.....	do.....	3.00	.....
McSheehy, Henry J.....	do.....	3.00	.....
Miller, John H.....	do.....	4.00	.....
Mohler, O. E.....	do.....	15.50	.....
Potts, E.....	do.....	6.50	.....
Rawlins, H. O.....	do.....	2.00	.....
Rettig, George.....	do.....	1.00	.....
Roberts, H. L.....	do.....	6.50	.....
Rogers, Lou R.....	do.....	.50	.....
Saunders, Benjamin F.....	do.....	6.50	.....
Senter, A. C.....	do.....	5.50	.....

<sup>1</sup> 50 cents for each observation in addition to one a day.

<sup>2</sup> 25 cents for each observation in addition to one a day.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Selby A. ....	River observer, at 50 cents per observation .....	\$1.00	.....
Sonnedecker, T. H. ....	do. ....	8.00	.....
Sorrell, Gertrude. ....	do. ....	9.50	.....
Thomas, E. S. ....	do. ....	7.00	.....
Wilson, Ella M. ....	do. ....	6.50	.....
Woodward, N. G. ....	do. ....	5.50	.....
Yoest, Ernest. ....	do. ....	8.00	.....
Crum, R. C. ....	River observer, at 25 cents per observation .....	1.00	.....
McAfer, Joseph M. ....	do. ....	.25	.....
Bench, Ephraim J. ....	Lake observer, at \$1.25 per month .....	15.00	.....
Chase, Alfred. ....	Mountain snowfall observer, at \$3 and \$11 per month. ....	57.33	.....
Atwood, Leon A. ....	Mountain snowfall observer, at \$10 per month. ....	30.00	.....
Auld, Alice A. ....	do. ....	60.00	.....
Bagley, Merrill. ....	do. ....	20.00	.....
Barnard, Red. ....	do. ....	20.00	.....
Barton, Enos D. ....	do. ....	60.00	.....
Berry, Peter D. ....	do. ....	40.00	.....
Bristol, Elizabeth K. ....	do. ....	50.00	.....
Brooks, Milo. ....	do. ....	60.00	.....
Burnet, Arthur W. ....	do. ....	60.00	.....
Cammann, Maggie. ....	do. ....	60.00	.....
Campbell, Mina B. ....	do. ....	40.00	.....
Caron, Martha A. ....	do. ....	60.00	.....
Cassell, Harriett M. ....	do. ....	60.00	.....
Chase, B. F. ....	do. ....	60.00	.....
Chlarson, Hiram R. ....	do. ....	40.00	.....
Clark, Daniel. ....	do. ....	60.00	.....
Clark, Frank H. ....	do. ....	40.00	.....
Cooper, Tipton M. ....	do. ....	60.00	.....
Davensby, Frank S. ....	do. ....	10.00	.....
Dennenbrink, A. ....	do. ....	60.00	.....
Deininger, Charles F. ....	do. ....	60.00	.....
Draper, E. W. ....	do. ....	60.00	.....
Elkins, Fred. ....	do. ....	20.00	.....
Elkins, George. ....	do. ....	35.00	.....
Esser, Martin. ....	do. ....	60.00	.....
Felton, Lloyd N. ....	do. ....	60.00	.....
Finch, Lawrence J. ....	do. ....	60.00	.....
Foley, Patrick H. ....	do. ....	60.00	.....
Frantz, A. D. ....	do. ....	60.00	.....
Freeman, William J. ....	do. ....	60.00	.....
Fry, Norman W. ....	do. ....	60.00	.....
Gardiner, Clifford M. ....	do. ....	60.00	.....
Goodfellow, David G. ....	do. ....	40.00	.....
Graham, John E. ....	do. ....	60.00	.....
Gray, Elizabeth L. ....	do. ....	60.00	.....
Greiner, Dorothea. ....	do. ....	60.00	.....
Hamilton, Harry T. ....	do. ....	60.00	.....
Hanthorn, Arthur. ....	do. ....	60.00	.....
Hatter, O. A. ....	do. ....	60.00	.....
Hayes, Caroline N. ....	do. ....	60.00	.....
Hook, Walter R. ....	do. ....	60.00	.....
Houston, Mark E. ....	do. ....	60.00	.....
Huffman, S. C. ....	do. ....	60.00	.....
Hughes, Percy A. ....	do. ....	60.00	.....
Johnson, C. D. ....	do. ....	60.00	.....
Kaufman, Belle. ....	do. ....	50.00	.....
Kleinknecht, Emily. ....	do. ....	60.00	.....
Lathrop, M. E. ....	do. ....	60.00	.....
Lewis, Matthew. ....	do. ....	60.00	.....
Likely, C. H. ....	do. ....	60.00	.....
Lillard, William D. ....	do. ....	60.00	.....
Lively, Ida M. ....	do. ....	60.00	.....
Lively, Marvin R. ....	do. ....	60.00	.....
Lodge, Paul E. ....	do. ....	60.00	.....
McDonald, Mart. ....	do. ....	40.00	.....
McDonough, Bessie. ....	do. ....	60.00	.....
McGrath, T. J. ....	do. ....	30.00	.....
Mason, Marion. ....	do. ....	60.00	.....
Mayes, George A. ....	do. ....	60.00	.....



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Merrill, Grant P.....	Mountain snowfall observer, at \$5 and \$10 per month.	\$50.00	.....
Miller, Robert H.....	Mountain snowfall observer, at \$10 per month..	40.00	.....
Murphy, Frank W.....	do.	60.00	.....
Nordyke, Earl J.....	do.	40.00	.....
Olsen, George W.....	do.	60.00	.....
Owensby, Frank S.....	do.	30.00	.....
Papa, Arthur.....	do.	60.00	.....
Payne, John G.....	do.	60.00	.....
Pierce, Mattie.....	do.	40.00	.....
Pike, Edwin.....	do.	30.00	.....
Porteous, Russel W.....	do. <sup>1</sup>	75.00	.....
Powless, William H.....	do.	10.00	.....
Presby, Walter.....	do.	50.00	.....
Ross, Charles L.....	do.	50.00	.....
Schalles, Elizabeth A.....	do.	40.00	.....
Sivers, Guilla.....	do.	10.00	.....
Slipher, Vesto M.....	do.	40.00	.....
Smith, Clinton B.....	do.	60.00	.....
Soper, Frank.....	do.	60.00	.....
Spaulding, J. S.....	do.	40.00	.....
Spencer, Fred F.....	do.	60.00	.....
Stephenson, Lee B.....	do.	60.00	.....
Taylor, Belle.....	do.	60.00	.....
Taylor, James A.....	do.	60.00	.....
Thomas, Lewis H.....	do.	40.00	.....
Thompson, J. Gertrude.....	do.	60.00	.....
Thompson, John J.....	do.	40.00	.....
Thomson, Gaylord H.....	do.	60.00	.....
Wade, George W.....	do.	70.00	.....
Watson, Robert.....	do. <sup>2</sup>	70.00	.....
Wills, Herbert J.....	do.	60.00	.....
Wishon, D. L.....	do.	60.00	.....
Woolsey, Nellie.....	do.	30.00	.....
Wortman, George C.....	do.	60.00	.....
Young, Ola.....	do.	40.00	.....
Ingram, Clair E.....	Mountain snowfall observer, at \$9 per month..	54.00	.....
Hendel, Charles W.....	Mountain snowfall observer, at \$7.50 per month..	60.00	.....
Knapp, James B.....	do.	60.00	.....
McGinnis, J. B.....	do.	60.00	.....
Acree, Bert.....	Mountain snowfall observer, at \$7 per month..	7.00	.....
Albrecht, E. C.....	Mountain snowfall observer, at \$3 and \$7 per month.	40.00	.....
Alderson, Mary L.....	do.	60.00	.....
Anderson, C. V.....	do.	60.00	.....
Andrews, T. Z.....	do.	57.00	.....
Bari, D.....	do.	57.00	.....
Barrett, Lewis C.....	Mountain snowfall observer, at \$7 per month..	14.00	.....
Bateman, John W.....	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	.....
Beam, Martha A.....	do.	26.00	.....
Becraft, C. L.....	do.	60.00	.....
Bessler, Thos.....	do.	60.00	.....
Bidwell, A. R.....	Mountain snowfall observer, at \$7 per month..	28.00	.....
Billings, Timothy.....	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	.....
Bird, James D.....	do.	57.00	.....
Bolton, Manganito.....	do.	48.00	.....
Bradfield, Albert D.....	do.	41.00	.....
Brown, L. G.....	do.	57.00	.....
Brown, Lucy.....	do.	60.00	.....
Bryant, F. L.....	do.	60.00	.....
Burmeister, John.....	do.	42.00	.....
Burns, Edgar A.....	do.	60.00	.....
Cameron, Lewis.....	do.	60.00	.....
Carrington, Mabel.....	do.	60.00	.....
Carson, George G.....	do.	57.00	.....

<sup>1</sup> \$5 per trip to higher mountains.<sup>2</sup> \$10 per trip to higher mountains.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Clark, Charles H.	Mountain snowfall observer, at \$3 and \$7 per month.	\$40.00	
Cole, Walter L.	do.	60.00	
Cordova, Ignacio.	do.	60.00	
Cramer, Henry.	do.	60.00	
Crowell, Walter J.	do.	50.00	
Darby, Benjamin F.	do.	51.00	
Deans, Gordon.	do.	60.00	
Divens, F. E.	do.	60.00	
Doig, D. L.	do.	60.00	
Dorsey, Walter.	do.	48.00	
Eberhart, John.	do.	60.00	
Eberl, Frank.	do.	60.00	
Edick, W. H.	do.	40.00	
Embody, J. W.	do.	60.00	
Eveleth, Harriet R.	do.	51.00	
Fothergill, J. C.	do.	54.00	
French, Wm. H.	do. <sup>1</sup>	50.00	
Gerdes, Fred.	do.	40.00	
Gilchrist, Ethel M.	do.	37.00	
Gindici, Leopold.	Mountain snowfall observer, at \$7 per month.	42.00	
Grane, S. P.	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	
Gruell, Samuel, sr.	do.	60.00	
Hall, Charles L.	do.	60.00	
Hardgrove, Jas. W.	do.	60.00	
Harlan, Hugh V.	Mountain snowfall observer, at \$7 per month.	28.37	
Harvey Jerome.	Mountain snowfall observer, at \$3 and \$7 per month.	55.00	
Haskins, O. E.	do.	60.00	
Hawley, Benjamin P.	do.	60.00	
Heagan, James.	do.	60.00	
Hebert, Le Roy.	do.	60.00	
Henault, Frank.	do.	27.00	
Hesser, M. C.	do.	60.00	
Hidlay, C. W.	do.	57.00	
Hjort, Elizabeth A.	do.	57.00	
Hoffbuhr, Herman C.	do.	22.63	
Holliday, Tracie L.	do.	60.00	
Hon, Daisy.	do.	60.00	
Irwin, Eugene F.	do.	60.00	
Johnston, Eva.	Mountain snowfall observer, at \$7 per month.	34.00	
Kerby, Gertrude.	Mountain snowfall observer, at \$3 and \$7 per month.	42.00	
Kibbee, A. G.	do.	49.30	
Kiermeyer, Theola.	do.	60.00	
Kinman, Anna C.	do.	60.00	
Kinnear, William.	do.	60.00	
Knickerbacker, William E.	do.	54.00	
Kuchnee, Frank.	Mountain snowfall observer, at \$7 per month.	42.00	
Landreth, M. K.	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	
Leese, P. H.	do.	60.00	
Lucero, Alfred.	do.	57.90	
Lucero, Juanita.	do.	59.80	
Luman, Henry M.	Mountain snowfall observer, at \$7 per month.	28.00	
Lundberg, Alexander.	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	
McCrea, Elias.	do.	60.00	
McCumber, Mary.	do.	57.00	
McDevitt, James.	do.	16.00	
Mackintosh, C. M.	do.	51.00	
Marcum, James.	do.	50.20	
March, Gus C.	do.	60.00	
Martinez, Candelario.	Mountain snowfall observer, at \$1.50, \$3, and \$7 per month.	37.50	

<sup>1</sup> \$2 per trip to higher mountains.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Martinez, Leocadio, jr.	Mountain snowfall observer, at \$3 and \$7 per month.	\$58.90	.....
Martinez, Ralph T.	do.	58.90	.....
Mason, C. M.	do.	60.00	.....
Mattison, John C.	do.	60.00	.....
Maupin, Junius D.	do.	58.20	.....
Mennicucci, Ben.	do.	51.00	.....
Miller, Frank.	do.	54.70	.....
Mills, E. M.	do.	40.00	.....
Mjolsness, J.	Mountain snowfall observer, at \$7 per month.	34.00	.....
Moriarty, Patrick.	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	.....
Morris, Trixy B.	do.	60.00	.....
Nagy, Steve.	Mountain snowfall observer, at \$7 per month.	42.00	.....
Neiman, Henry J.	Mountain snowfall observer, at \$3 and \$7 per month.	48.00	.....
Nugent, James E.	do.	51.00	.....
Oates, George W.	do.	26.00	.....
Oberchain, Alta M.	Mountain snowfall observer, at \$7 per month.	48.00	.....
Ogilvy, Charles.	Mountain snowfall observer, at \$3 and \$7 per month. <sup>1</sup>	67.00	.....
Olsen, Robert.	do.	60.00	.....
Opland, O. H.	do.	60.00	.....
Paddock, Verna.	do.	54.00	.....
Painter, Marguerite.	do.	60.00	.....
Panter, Lawrence.	do.	60.00	.....
Parent, Fred E.	do.	57.00	.....
Parker, Violet.	do.	60.00	.....
Paxton, Frank L.	Mountain snowfall observer, at \$7 per month.	7.00	.....
Penn, Lucy R.	Mountain snowfall observer, at \$3 and \$7 per month.	56.60	.....
Petersen, Chas.	do.	6.00	.....
Peterson, William R.	do.	60.00	.....
Pettitt, Otto A.	do.	19.00	.....
Porter, George H.	do.	60.00	.....
Pratt, Charles.	Mountain snowfall observer, at \$7 per month.	48.00	.....
Richie, Charles W.	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	.....
Riter, J. C.	do.	60.00	.....
Ross, Gertrude M.	do.	54.00	.....
Rudolph, Charles F.	do.	57.00	.....
Russell, Maggie M.	do.	51.00	.....
Say, Fannie E.	do.	60.00	.....
Sayer, John W.	do.	60.00	.....
Seals, Mrs. Mary E.	do.	58.00	.....
Shain, Manda S.	do.	57.00	.....
Sherlock, John.	do.	60.00	.....
Smith, E. E.	do.	60.00	.....
Snyder, George M.	do.	60.00	.....
South, Leda A.	do.	51.00	.....
Sproul, Ira.	do.	57.00	.....
Stewart, J. C.	do.	46.00	.....
Stigen, Thos.	do.	57.00	.....
Stokes, Amos.	do.	48.00	.....
Sullivan, Ralph.	do.	60.00	.....
Tarbox, E. K.	do.	60.00	.....
Taylor, Al.	do.	48.00	.....
Tewksbury, C. L.	do.	46.00	.....
Thornburg, W. M.	do.	57.00	.....
Thornton, John S.	do.	54.00	.....
Tilton, O. B.	do.	57.00	.....
Topp, John.	do.	40.00	.....
Toyne, Chas., Sr.	do.	13.00	.....
Vijil, Teofilo.	do.	60.00	.....
Vink, Peter.	do.	40.00	.....
Waldron, Lawrence R.	Mountain snowfall observer, at \$7 per month.	20.00	.....

<sup>1</sup> \$1 per trip to higher mountains.



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Walker, Elmer M.....	Mountain snowfall observer, at \$3 and \$7 per month.	\$60.00	.....
Wallace, George A.....	do.	60.00	.....
Walter, Emma.....	do.	57.00	.....
Warner, Simon B.....	do.	60.00	.....
Waters, George.....	Mountain snowfall observer, at \$7 per month.	42.00	.....
Weidenbauer, Andrew.....	Mountain snowfall observer, at \$3 and \$7 per month.	60.00	.....
Welty, F. H.....	do.	60.00	.....
West, Josie.....	do.	51.00	.....
White, Frank G.....	do.	40.00	.....
Whitten, C. P.....	do.	40.00	.....
Wilton, E. S.....	do.	60.00	.....
Winsor, Henry D.....	do.	60.00	.....
Wood, Archie B.....	do.	60.00	.....
Woodford, William T.....	do.	60.00	.....
Wrensted, Anna M.....	do.	32.00	.....
Wright, A. E.....	do.	13.00	.....
Elliott, Anne.....	Mountain snowfall observer, at \$6.50 per month.	39.00	.....
Anderson, John W.....	Mountain snowfall observer, at \$3 and \$6 per month.	54.00	.....
King, P. H.....	do.	54.00	.....
Scott, J. W.....	do.	60.00	.....
Strout, Minnie E.....	do.	45.00	.....
Alverson, F. B.....	Mountain snowfall observer, at \$5 per month.	20.00	.....
Blaine, James E.....	Mountain snowfall observer, at \$3 and \$5 per month.	45.00	.....
Bock, William.....	Mountain snowfall observer, at \$5 per month.	30.00	.....
Brewer, Ernest H.....	do.	40.00	.....
Brown, Albert S.....	do.	13.00	.....
Chandler, Katherine.....	do.	40.00	.....
Clarke, Joseph M.....	Mountain snowfall observer, at \$3 and \$5 per month.	48.00	.....
Cole, William.....	Mountain snowfall observer, at \$5 per month.	30.00	.....
Crane, Guy H.....	do.	6.00	.....
Deffenbaugh, Minnie E.....	Mountain snowfall observer, at \$3 and \$5 per month.	42.00	.....
Fletcher, J. E.....	Mountain snowfall observer, at \$5 per month.	14.00	.....
Friese, Victor A.....	do.	50.00	.....
Gardner, John A.....	do.	45.00	.....
Green, Richard M.....	do.	30.00	.....
Hammer, Emma (Mrs.).....	Mountain snowfall observer, at \$3 and \$5 per month.	33.00	.....
Henningsen, C. C.....	Mountain snowfall observer, at \$5 per month.	50.00	.....
Hoyt, Samuel.....	do.	25.00	.....
Huntoon, Archie.....	do.	35.00	.....
Ingmire, James W.....	do.	24.00	.....
James, Walter.....	do.	40.00	.....
Jolly, John B.....	do.	24.33	.....
Karr, Geo. Albert.....	Mountain snowfall observer, at \$3 and \$5 per month.	48.00	.....
Kimball, E. J.....	Mountain snowfall observer, at \$5 per month.	30.00	.....
Krotki, Max.....	do.	45.00	.....
Long, Albert.....	do.	7.17	.....
McCoy, Solon.....	do.	30.00	.....
McGuire, W. F.....	do.	40.00	.....
Mawer, J. H.....	do.	60.00	.....
Miller, Frank E.....	Mountain snowfall observer, at \$3 and \$5 per month.	45.00	.....
Newell, William W.....	Mountain snowfall observer, at \$5 per month.	30.00	.....
Palmer, Maude A.....	do.	60.00	.....
Patterson, S. E.....	do.	50.00	.....
Payne, Nathan A.....	do.	30.00	.....
Potter, Jennie.....	do.	30.00	.....
Fowers, Mona B.....	do.	30.00	.....
Price, James E.....	do.	60.00	.....
Root, Reuben.....	do.	18.33	.....
Shields, Martin H.....	do.	40.00	.....
Spooner, Camelle.....	do.	30.00	.....
Tibbetts, C. R.....	do.	30.00	.....



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
White, Ernest Elmer.....	Mountain snowfall observer, at \$3 and \$5 per month.	\$23.67	.....
Wolfe, E. H.....	Mountain snowfall observer, at \$5 per month....	55.00	.....
Woodard, D. W.....	do.....	40.00	.....
Woolsteahulme, James.....	do.....	25.00	.....
Young, Chas.....	do.....	30.00	.....
Yparraguirre, F. L.....	do.....	55.00	.....
Lewis, Sarah E.....	Mountain snowfall observer, at \$4 per month....	8.27	.....
Baca, Jose A.....	Mountain snowfall observer, at \$3 per month....	3.00	.....
Bell, Benjamin W.....	do.....	9.00	.....
Bettinger, Carl F.....	do.....	21.00	.....
Blanton, John T.....	do.....	60.00	.....
Dunn, Joseph J.....	do.....	9.00	.....
Eveleth, Harriet R.....	do.....	9.00	.....
Gunn, Charles W.....	do.....	3.00	.....
Hartt, Myra.....	do.....	12.00	.....
Hedrick, T. G.....	do.....	3.00	.....
Johnson, Ralph W.....	do.....	3.00	.....
Leitel, John Henry.....	do.....	9.00	.....
Mackintosh, C. M.....	do.....	9.00	.....
Perrin, Mary F.....	do.....	9.00	.....
Reade, Charles W.....	do.....	9.00	.....
Roening, E. E.....	do.....	21.00	.....
Russell, Maud A.....	do.....	9.00	.....
Stront, L. S.....	do.....	9.00	.....
Wheeler, E. W.....	do.....	3.00	.....
Caldwell, Christina.....	Mountain snowfall observer, at \$2.50 per month....	14.25	.....
Clausmeyer, Nettle.....	do.....	15.75	.....
Erikson, Boyd Leander.....	do.....	30.00	.....
Gould, George A.....	do.....	30.00	.....
Judd, Orin.....	do.....	20.00	.....
Locer, C. T.....	do.....	30.00	.....
Abel, Chas. H.....	Mountain snowfall observer, at \$2 per month....	24.00	.....
Cecil, Homer D.....	do.....	7.40	.....
Crantford, H. B.....	do.....	10.80	.....
Gilman, J. M.....	do.....	24.00	.....
Gotchy, A. G.....	do.....	.60	.....
Gurney, J. W.....	do.....	24.00	.....
Held, Paul.....	do.....	24.00	.....
Hyatt, L. B.....	do. <sup>1</sup> .....	20.20	.....
Knowles, Geo. A.....	do.....	24.00	.....
Lindsay, William.....	do.....	19.40	.....
McDowell, G. W.....	do.....	2.00	.....
McNeley, Robert B.....	do.....	24.00	.....
Robison, John L.....	do. <sup>2</sup> .....	19.80	.....
Sears, David Arthur.....	do.....	24.00	.....
Siegel, Charles M.....	do.....	24.00	.....
Stewart, Thomas Jefferson.....	do.....	24.00	.....
White, Jackson.....	do.....	24.00	.....
Wilbur, Russell J.....	do. <sup>3</sup> .....	48.50	.....
Willits, Amos R.....	do.....	24.00	.....
Long, Matthew N.....	Mountain snowfall observer, at \$7.50 per trip....	45.00	.....
Hager, John T.....	Mountain snowfall observer, at \$3.50 per trip....	21.00	.....
Van Winkler, W. P.....	Mountain snowfall observer, at \$2.50 per trip....	15.00	.....
Root, E. W.....	Mountain snowfall observer, at \$2 per trip....	16.00	.....
Ballard, L. C.....	Snow and ice observer, at 50 cents per observation.	8.00	.....
Ebbinghausen, Chas.....	do.....	7.50	.....
Thompson, D. F.....	do.....	8.00	.....
Webber, James William.....	do.....	8.50	.....
Bonney, Josephine M.....	Sugar and rice observer, at 20 cents per observation.	39.80	.....
Boudreaux, Alexander O.....	do.....	39.80	.....
Buch, Joseph F.....	do.....	39.80	.....
Champagne, Claud C.....	do.....	27.60	.....
Champagne, Lucille.....	do.....	12.20	.....
Kidder, Albert F.....	do.....	6.20	.....

<sup>1</sup> \$3 for each trip to higher mountains.

<sup>2</sup> \$1.50 for each trip to higher mountains.

<sup>3</sup> \$3.50 for each trip to higher mountains.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McNeil, Angus P. ....	Sugar and rice observer, at 20 cents per observation.	\$39.80	
Moore, Charles V. ....	do.	39.80	
Moresi, Andrew. ....	do.	38.80	
Park, Edna M. ....	do.	6.20	
Edmonston, Edward O. ....	Displayman, at \$25 per month.	300.00	\$76.40
Dillon, Thomas C. ....	Storm-warning displayman, at \$20 per month.	240.00	
Lamar, Charles W. ....	do.	92.67	
McCormick, C. E. ....	do.	164.00	
Martin, Wm. D. ....	do.	240.00	
Myers, Margaret D. ....	Storm-warning displayman, at \$15 and \$20 per month.	200.00	
Power, Maurice F. ....	Storm warning displayman, at \$20 per month.	147.33	
Smith, Florence M. ....	do.	240.00	
Luchie, Simon P. ....	Storm-warning displayman, at \$17 per month.	204.00	
Durfee, William. ....	Storm-warning displayman, at \$16 per month.	192.00	
Brown, Horace. ....	Storm warning displayman, at \$15 per month.	180.00	
Dagwell, Charles T. ....	do.	180.00	
Essing, Matilda H. ....	do.	165.00	
Heath, Arthur E. ....	do.	45.00	
McCann, James. ....	do.	180.00	
Motley, E. A. ....	do.	123.00	
Reinelt, Edward C. ....	do.	123.00	
Semer, Nettie B. ....	do.	15.00	
Whelan, John N. ....	do.	123.00	
Fuller, Sara C. ....	Storm warning displayman, at \$14.25 per month.	171.00	
Daggett, Hiram. ....	Storm warning displayman, at \$14 per month.	168.00	
Small, Isaac M. ....	do.	168.00	
Weekes, Sarah C. ....	do.	168.00	
Fisher, Everett M. ....	Storm warning displayman, at \$12.50 per month.	150.00	
Bowley, Mary A. ....	Storm warning displayman, at \$12 per month.	144.00	
Ferrin, Geo. L. ....	do.	144.00	
Fuller, Jane M. ....	do.	144.00	
Geary, Richard E. ....	Storm warning displayman, at \$10 and \$12 per month.	66.00	
King, R. G. ....	Storm warning displayman, at \$12 per month.	144.00	
Nickerson, Alfred. ....	do.	144.00	
Nickerson, Euphemia C. ....	do.	144.00	
Nolen, Alice. ....	do.	98.40	
Robinson, Margaret T. ....	do.	144.00	
Tefft, Nellie W. ....	do.	144.00	
Ewald, Ida M. ....	Storm warning displayman, at \$10.50 per month.	86.10	
Pugh, Clara J. ....	do.	126.00	
Smith, Emma. ....	do.	126.00	
Van Weelden, Jennie. ....	do.	86.10	
Wilhelm, Norbert. ....	do.	126.00	
Blackham, Franklyn J. M. ....	Storm warning displayman, at \$10 per month.	90.00	
Blum, Leon. ....	do.	60.00	
Bolles, Fred H. ....	do.	82.00	
Bricker, Weir S. ....	do.	120.00	
Brumfield, Willard. ....	do.	120.00	
Brunne, Edward D. ....	do.	10.00	
Busselberg, Harry. ....	do.	120.00	
Carland, Barbara. ....	do.	82.00	
Carlson, Anna C. ....	do.	120.00	
Carlson, Anna M. ....	do.	82.00	
Clark, Mary A. ....	do.	120.00	
Coe, William A. ....	do.	120.00	
Coguenhem, Manuel. ....	do.	60.00	
Collins, Luther. ....	do.	82.00	
Conger, Edmund R. ....	do.	120.00	
Davis, Francis V. ....	do.	82.00	
Day, Eva E. ....	do.	120.00	
De Diemar, Mary E. ....	do.	82.00	
Deschnean, John. ....	Storm warning displayman, at \$7 and \$10 per month.	105.00	
Dishmaker, John, sr. ....	Storm warning displayman, at \$10 per month.	82.00	
Donnelly, Helen M. ....	do.	82.00	
Dorchester, John C. ....	do.	82.00	
Drake, Junius E. ....	do.	120.00	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eaton, Joseph L.	Storm warning displayman, at \$10 per month.	\$120.00	
Ellison, Jessie O.	do.	82.00	
Forest, Carlton M.	do.	40.00	
Frahm, Carrie M.	do.	82.00	
Galley, Lawrence E.	do.	27.00	
Gallagher, Mary E.	do.	120.00	
Garrity, Kate L.	do.	82.00	
Goetz, John F.	do.	82.00	
Griesser, Martha M.	do.	82.00	
Hansen, Hannah K.	do.	82.00	
Harris, Annie H.	do.	100.00	
Hartho, Arthur C.	do.	82.00	
Hyslop, John.	do.	120.00	
Jackson, Edmund.	do.	30.00	
Jennison, George B.	do.	23.67	
Kines, William B.	do.	120.00	
Krebs, George W.	do.	120.00	
Leberman, Adolph.	do.	82.00	
Lee, Annabella.	do.	20.00	
Long, Ernest W.	do.	82.00	
Lory, William.	do.	120.00	
McCobb, Charles H.	do.	120.00	
McFarlane, William.	do.	82.00	
McBree, Joseph A.	do.	82.00	
McNally, J. C.	do.	55.00	
Macintosh, Frederick L.	do.	120.00	
Matt, Roy E.	do.	82.00	
Matthews, Henry S.	do.	120.00	
Miles, William J.	do.	82.00	
Morency, Amelia M. E.	do.	55.00	
Morency, Philomen.	do.	27.00	
Morrison, Sarah.	do.	82.00	
Murphy, Patrick, jr.	do.	52.00	
Nagle, John.	do.	60.00	
Nelson, Nellie.	do.	82.00	
Oleson, Mary E.	do.	82.00	
Perkins, Harry W.	do.	58.33	
Piersons, Celia E.	do.	82.00	
Pillchody, Henry D.	do.	120.00	
Plummer, Frank.	do.	120.00	
Pool, Victor A.	do.	82.00	
Riggs, John H.	do.	82.00	
Risley, Warren B.	do.	82.00	
Robb, Josephine R.	do.	82.00	
Robinson, Thos.	do.	110.00	
Root, Melvin L.	do.	82.00	
Ryder, Reuben.	do.	82.00	
Santa Cruz, John H.	do.	60.00	
Schweinfurth, Frank.	do.	15.00	
Searle, Charles P.	do.	120.00	
Shea, Ida E.	do.	120.00	
Skinner, Arvilla P.	do.	120.00	
Small, Rebecca.	do.	82.00	
Snell, George C.	do.	27.00	
Sogge, Hilda.	do.	82.00	
Stacey, Girdler.	do.	120.00	
Stivers, William D.	do.	120.00	
Sykes, John D.	do.	120.00	
Thomas, Alberta E.	do.	82.00	
Tobin, John E.	do.	82.00	
Torrison, Thorval C.	do.	82.00	
Tristram, Thomas H.	do.	82.00	
Truedell, Lena.	do.	82.00	
Upp, Norman C.	do.	30.00	
Uptegrove, Joseph G.	do.	82.00	
Walker, H. L.	do.	120.00	
Watts, George W.	do.	82.00	
Widmann, Albert.	do.	120.00	
Wright, Jabez.	do.	82.00	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Anderson, Emma L.	Storm warning displayman, at \$9 per month.	\$73.80	
Brown, Harry P.	do.	24.30	
Dinneen, Edward J.	do.	73.80	
Eldredge, Allen M.	do.	49.50	
Farrell, Matthew M.	do.	73.80	
Fobes, Addie F.	do.	73.80	
Griesser, Julia A.	do.	73.80	
Nelson, Maud.	do.	73.80	
O'Connor, James.	do.	73.80	
Rice, Verne M.	do.	73.80	
Stearn, Clark M.	do.	73.80	
Till, George J.	do.	73.80	
Duncan, Thos.	Storm warning displayman, at \$8 per month.	96.00	
Folk, Beulah.	do.	16.00	
Hammond, Paul B.	do.	65.60	
Keegan, Thomas J.	do.	96.00	
Seidel, Henry A.	do.	65.60	
Singleton, Phineas.	do.	80.00	
Stevens, Enoch B.	do.	96.00	
Webb, Alexander H.	do.	96.00	
Hess, Will J.	Storm warning displayman, at \$7.50 per month.	67.50	
Blomquist, John J.	Storm warning displayman, at \$7 per month.	84.00	
Evans, Alice F.	do.	84.00	
Goodson, Edward M.	do.	52.50	
Lawrence, Joseph.	do.	21.00	
Little, M. D.	Storm warning displayman, at \$3 and \$7 per month.	60.00	
McCune, James.	do.	60.00	
Maryott, D. W.	do.	19.00	
Messina, Joseph.	Storm warning displayman, at \$7 per month.	63.00	
Stiles, John C.	do.	42.00	
West, Philip B.	do.	14.00	
Wright, Duncan.	do.	42.00	
Hanson, Emma C.	Storm warning displayman, at \$6 per month.	49.20	
Lambert, William A.	do.	42.00	
Lysaght, Mary.	do.	49.20	
Barracough, Joseph H.	Storm warning displayman, at \$5.50 per month.	27.50	
Cotter, James E.	Storm warning displayman, at \$5.25 per month.	63.00	
Abbley, Rudolph V.	Storm warning displayman, at \$5 per month.	60.00	
Bearse, Kesiah K.	do.	15.00	
Bennett, Constantia V.	do.	60.00	
Bickford, Joseph H.	do.	60.00	
Blackman, E. V.	do.	60.00	
Brannan, Martin J.	do.	60.00	
Burckmyer, Harry G.	do.	60.00	
Coe, James B.	do.	35.00	
Daniels, John.	do.	60.00	
Dent, James E.	do.	8.00	
Duryee, Wm. B. C.	do.	60.00	
Estberg, Frederick W.	do.	5.00	
Fisher, Myra N.	do.	60.00	
Fox, Henry.	do.	41.00	
Fromberger, Agnes.	do.	15.00	
Geraty, Chas. W.	do.	60.00	
Glidewell, Martin L.	do.	60.00	
Griffin, Frank C.	do.	25.00	
Howes, Henrietta F.	do.	60.00	
Johansen, Anita L.	do.	45.00	
Lutterloh, John B.	do.	60.00	
McClellan, Alexander A.	do.	25.00	
McDonald, Frank C.	do.	15.00	
McGaw, Sara E.	do.	41.00	
Midgett, Chas. E.	do.	5.00	
Milhollin, Thomas J.	do.	20.00	
Morrish, G. M.	do.	60.00	
Morrow, William J.	do.	15.00	
Palmer, James R.	do.	60.00	
Robinson, Thos. A.	do.	45.00	
Roeller, Edward F.	do.	60.00	



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Scanlan, George N.	Storm warning displayman, at \$10 per month.	\$60.00	
Schetter, Otto.	do.	10.00	
Snow, Freeman A.	do.	60.00	
Sorenson, S. B.	do.	60.00	
Stockwell, Almerion P.	do.	60.00	
Turbeville, William T.	do.	60.00	
Van Putten, Madalen.	do.	41.00	
Wakefield, Frederick W.	do.	41.00	
Whiteaker, Ulysses S.	do.	55.00	
Clark, Peter S.	Storm warning displayman, at \$4 per month.	48.00	
Moore, R. L. (Mrs.)	do.	48.00	
Davis, Walter S.	Storm warning displayman, at \$3 per month.	33.00	
Mudd, Emery	do.	6.00	
Bacon, Alonzo T.	Storm warning displayman, at \$2.50 per month.	12.50	
Broadwell, Wilmer.	Storm warning displayman, at \$2.25 per month.	27.00	
Evans, Frank.	Cranberry observer, at \$10 per month.	50.00	
Gurney, Alexander R.	do.	30.00	
Hornor, Ivins.	do.	30.00	
Malde, O. Gustav.	do.	50.00	
Gibson, Arthur.	Special meteorological observer, at \$300 per annum.	300.00	
Allen, Frank W.	Special meteorological observer, at \$25 per month.	300.00	
Axtell, Carl M.	do.	225.00	
Bates, Louis F.	do.	300.00	
Bell, Charles S.	do.	250.00	
Bellamy, James C.	do.	112.50	
Bender, Albert.	do.	300.00	
Blade, Emma May.	do.	239.17	
Boss, Evelyn.	do.	300.00	
Candler, Milton A.	do.	300.00	
Elkins, Fred.	do.	142.50	
Elrod, Morton J.	do.	300.00	
Georgeson, Margaret T.	do.	300.00	
Grissinger, Mabel U.	do.	243.33	
Heintz, Frank J.	do.	62.50	
Hooper, Le Roy.	do.	265.84	
Jouckheer, J. H.	do.	112.50	
Klyce, Battle H.	do.	237.50	
Lovett, Geo. L.	do.	225.00	
Lurie, Jacob.	do.	112.50	
Miller, Robert J.	do.	112.50	
Mingus, Edna I.	do.	300.00	
Myers, Nelly R.	do.	300.00	\$58.00
Nothnagel, Ernest.	do.	265.83	
Rawle, W. A. R.	do.	112.50	1.31
Roach, Frank W.	do.	43.33	
Ross, D. Hope.	do.	112.50	
Ruring, Garrett A.	do.	48.33	
Scherer, Josef.	do.	112.50	
Sheets, John W.	do.	251.67	
Steele, C. E.	do.	50.00	
Whitney, Allan G.	do.	300.00	
Brosnan, George C.	Special meteorological observer, at \$10 and \$15 per month.	137.50	
Carriger, Ernest A.	do.	137.50	
Eisenlohr, G. Adolf.	do.	137.50	
Gillis, James A.	Special meteorological observer, at \$7 and \$15 per month.	91.50	
Graham, Nellie.	Special meteorological observer, at \$15 per month.	165.00	
Hall, Edward H.	Special meteorological observer, at \$10 and \$15 per month. <sup>1</sup>	137.75	
Harbison, Mattie G.	do.	137.50	
Jones, Noble C.	do.	100.00	
Marsh, Mary D.	Special meteorological observer, at \$15 per month.	135.00	
Neilson, Robert.	do.	169.50	
Powe, J. H.	Special meteorological observer, at \$10 and \$15 per month.	136.50	
Powers, James L.	Special meteorological observer, at \$15 per month.	10.50	

<sup>1</sup> 52 cents for each special observation.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stannard, Eugene.....	Special meteorological observer, at \$10 and \$15 per month.	\$56.67	.....
Stiles, Kenneth F.....	do.....	80.83	.....
Towers, William M.....	do.....	137.50	.....
Weir, John C., jr.....	do.....	137.50	.....
Whitlock, John B.....	do.....	147.50	.....
Wimberly, Clara O.....	do.....	137.50	.....
Benecke, Louis.....	Special meteorological observer, at \$7 and \$12.50 per month.	38.00	.....
Bernard, Amasa.....	Special meteorological observer, at \$10 and \$12.50 per month.	123.75	.....
Blachly, Chas. P.....	Special meteorological observer, at \$9 and \$12.50 per month.	116.50	.....
Bott, Elmo M.....	Special meteorological observer, at \$10 and \$12.50 per month.	123.75	.....
Brislin, Charles F.....	do.....	123.75	.....
Cobb, Lottie R.....	do.....	111.25	.....
Courts, William H.....	Special meteorological observer, at \$12.50 per month.	18.33	.....
Dunn, Euphrates.....	do.....	120.00	.....
Eubank, Edwin M.....	do.....	123.75	.....
Godfrey, Lawrence D., jr.....	Special meteorological observer, at \$10 and \$12.50 per month.	123.75	.....
Hudson, James M.....	do.....	123.75	.....
Hughes, Albert V.....	Special meteorological observer, at \$12.50 per month.	12.50	.....
Love, Joseph B.....	Special meteorological observer, at \$10 and \$12.50 per month.	124.00	.....
McNeill, Charles B.....	do.....	123.75	.....
Matthews, A. O.....	do.....	121.67	.....
Modisette, Benj. F.....	do.....	123.75	.....
Orr, Harry S.....	do.....	104.17	.....
Parks, John F.....	do.....	123.75	.....
Stephen, James H.....	do.....	123.75	.....
Bartow, Clarence W.....	Special meteorological observer, at \$11 per month.	132.00	.....
Devol, William S.....	do.....	128.70	.....
Johnson, Ami K.....	do.....	130.53	.....
Sawyer, Frank W.....	do.....	132.00	.....
Server, Edwin R.....	do.....	126.50	.....
Buell, M. D. L.....	Special meteorological observer, at \$10 per month <sup>1</sup>	73.00	.....
Bushnell, C. S.....	do.....	46.00	.....
Eldredge, G. Bolton.....	do.....	120.00	.....
Gaskill, L. D. C.....	do.....	70.00	.....
Hall, Wm. P.....	do.....	88.67	.....
Sisson, Raymond H.....	do.....	21.33	.....
Sutton, Silas W.....	do.....	32.67	.....
Fry, Ralph E.....	Special meteorological observer, at \$7.50 per month.	35.75	.....
McCloud, Frank.....	do.....	9.25	.....
Morebeck, Theodore C.....	do.....	45.00	.....
Ross, Fenton T.....	Special meteorological observer, at 35 cents per observation.	125.75	.....
Benton, W. C.....	Special meteorological observer, at 20 cents per observation.	73.00	.....
Levi, William M.....	do.....	73.00	.....
Brown, Willis S.....	Evaporation observer, at \$25 per month	75.00	.....
Clark, Mary E.....	do.....	110.00	.....
Franklin, Joseph M.....	do.....	75.00	.....
Lennen, E. J.....	Evaporation observer, at \$10 per month	40.00	.....
Total.....		\$5,328.94	

<sup>1</sup> \$1 for each special observation.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$327.54	Crow, M. L.	\$8.00
Union Envelope Co.	132.30	Currys' Sons Co., William	6.54
Total	459.84	Dameron, O. G.	10.00
<i>Miscellaneous supplies, etc.</i>		Davis, C. H.	2.00
American Type Founders Co.	2.82	Davis, Merry A.	20.00
Anderson & Chanslor Co. (Inc.)	2.90	Dillen, W. O.	2.00
Anderson, John W.	18.41	Dixon, F. E.	3.00
Ashland, Karl	2.00	Douglass, Mary M., estate of	100.00
Atkins & Co., E. C.	13.50	Drysdale, A. Z.	6.00
Babcock, A. A., Jr.	5.00	Dudley, F. E.	91.80
Baldwin, Thomas S.	250.00	Duncan, John W.	15.00
Baltimore & Ohio R. R. Co.	.58	Duryee, William B. C.	5.00
Barber, Jesse R.	2.00	Eastman Kodak Co.	4.00
Barnes, J. H.	10.00	Eaton, Solomon	2.00
Barnett, W. S.	98.00	Eckstein, Henry	2.00
Bausch & Lomb Optical Co.	32.60	Eclipse Decorating Co.	4.00
Beck, J. W.	1.00	Edmundson, B. P.	31.50
Becken Co., A. C.	30.54	Edy, John N.	5.00
Bee, William E.	5.00	Eimer & Amend.	104.00
Beebe, F. E.	15.80	Eisenlohr, G. A.	4.00
Beets, Dannie.	10.00	Elton, C. B.	2.00
Bell, Lewis P.	10.00	English, H. W.	5.00
Bellay, Will.	1.25	Eriksen, E. T.	25.00
Bellaury, D. W.	2.50	Erickson, Julius	23.00
Benton Harbor-St. Joe Ry. & Light Co.	1.71	Ervin, Thos.	1.75
Berry, F. E. G.	15.00	Essary, G. A.	5.00
Blaine, James E.	4.00	Eubank, E. M.	1.50
Blundell, E. R.	10.00	Falk, Charles.	8.00
Booth, Tom R.	5.00	Faris, J. A.	5.00
Braden, Sylvia.	2.00	Farish Art Store.	45.00
Bradley, J. W.	10.00	Fellows Yacht & Launch Co., Joe.	32.25
Bradshaw, H. J.	5.00	Fennell, Elmer E.	10.00
Brooks Fire Machine Co.	68.00	Ferguson, George.	10.00
Brotherton Co.	5.00	Fielder & Mitchell.	24.00
Brown, Geo.	1.50	Fischer, W. L.	25.00
Brown Tool Co.	6.00	Flagg, Lester L.	5.00
Bryan, Wm. O.	7.50	Flemer, Lewis.	3.70
Buhne Co., H. H.	1.75	Fletcher, Joseph.	7.00
Burch & Kleps.	5.25	Flinn & Wallace.	10.00
Burgwyn, C. P. E.	20.00	Floyd, Geo. A.	7.00
Burnett, O. A.	9.99	Floyd & Steinacker.	33.00
Burr, M. L.	22.50	Foss Boat House Co.	1.20
Burrell, Thomas	2.00	Foss Launch Co.	12.50
Campbell, Weston.	15.00	Foster & Kleiser.	30.00
Carlson, John.	15.00	Freeman & Beckett Decorating Co.	7.50
Carolina Wood Workers Co.	7.00	Friez, Julien P.	134.51
Caron, J. R.	6.60	Fuller & Co., W. P.	8.00
Cary, Ambrose.	5.00	Gaillard, E. M.	3.50
Cassell, David N.	7.00	Gardner, Clifford M.	6.68
Caswell Co., Howard M.	1.40	Gardner & Downey.	2.50
Chafin, George.	30.00	Gardner & Howe.	25.00
Chase, Alfred.	33.50	Gast, Neil J.	3.00
Chrisen, L.	19.00	Gentry, F. A.	284.13
Church, J. E., Jr.	125.00	Gerrish, Frank C.	20.00
City Storekeeper, Tacoma, Wash.	4.40	Gibbs, Franklin T.	35.00
Clapper, Ira.	2.00	Gill, F. S.	7.00
Clark, Fred.	2.00	Gillon, E. E.	6.56
Clarkson, Frank P.	2.00	Gilman, Z. D.	12.10
Cleveland Co., W. L.	21.40	Golden, Blanchard.	2.00
Coe, J. M.	9.00	Good, Harry.	10.00
Colburth, Marvons S.	2.50	Goode, Geo.	1.50
Coleman, James L.	36.50	Graham, John E.	5.00
Collins, W. F.	10.00	Grand Haven Electrical Supply Co.	1.40
Continental Caoutchouc & Gutta Percha Co.	756.36	Gravelly, W. A.	13.00
Cook, John D.	5.00	Gray, Daniel.	2.00
Coonibs, Warren S.	4.00	Gray, G. H.	2.50
Coulter Dry Goods Co.	6.00	Gray, J. H.	1.50
Crabtree, Marshall.	10.00	Guide Publishing Co.	6.00
Crane, G. H.	4.85	Gurley, W. & L. E.	141.95
Crimmins, J. T.	6.00	Guthrie, J. H.	5.00
		Guy, D. J.	10.00
		Halvine, Fred.	2.00
		Hamrick, Porter S.	10.50
		Hancer, George.	2.00



## WEATHER BUREAU--Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES--Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hancock, J. H.	\$8.15	McCray, C. E.	\$15.00
Harriman, A. P.	5.00	McCullough, C. C.	10.00
Harned, M. H.	2.00	McCurry, Henry	2.500
Harriman, W. A.	4.50	McEntire, W. J.	5.50
Harrisburg Pipe & Pipe Bending Co.	1,047.00	McGehee, N. T.	10.00
Hartig, Louis	15.42	McKee, W. W.	45.00
Harvey, Jerome	6.00	Maber, Geo. W.	15.08
Harwell, R. S.	1.50	Madden, Dennis J.	43.00
Heffron, E. F.	7.00	Mansfield, John H.	2.00
Hellman, James W.	202.41	Martin, H. L.	10.00
Helms, Lattus C.	10.00	Martin, Wm.	10.00
Hess, C. F.	12.00	Masters, S. A.	28.75
Hesser, J. W.	4.75	Meacham Contracting Co.	618.00
Hibbs, S. T.	19.45	Metcalfe, Frank A.	10.00
Hill, E. L.	7.65	Miller, Frank E.	3.00
Hoegee Co., Wm. H.	31.93	Miller, F. R.	3.00
Hogue, Fred	3.50	Miller, Lee F.	1.60
Hollingsworth & Whitney Co.	5.00	Mitchell, O. O.	90.00
Holt Art Co.	9.45	Moncrieff, Z. E.	54.80
Huffman, C. D.	2.00	Moody & Yeats	28.50
Hughes, Percy A.	2.00	Mooney, Mueller Drug Co.	20.30
Hume & Son, S. B.	6.76	Morse, J. I.	4.07
Hungerford Brass & Copper Co., U. T.	69.00	Myers, E. W.	15.00
Hunter, James L.	17.50	Myers, Leslie	25.00
Hurley, J. E.	108.50	Neill, E. E.	20.00
Hutton, Frank O.	15.00	Nelson, Albert	2.00
Idaho Hardware & Plumbing Co. (Ltd.)	2.50	Nevada Planing Mills Co.	34.25
Indio Light, Water & Ice Co.	104.00	Newham, Chas.	8.00
Iven, James	2.00	Nicolai-Neppach Co.	9.25
Ingersoll, Jesse G.	9.75	Noble, A. M.	12.00
Ingram-Richardson Manufacturing Co.	168.50	Norton, Jesse O.	2.50
Ingram, John	2.00	O'Hara, Joseph	2.00
Isham, W. N.	27.00	Oswald, John	2.00
Jackson, Frank H.	20.00	Pacific Picture Frame Co.	8.00
James Mercantile & Manufacturing Co.		Painter, Marguerite	43.05
B. L., The	3.55	Palm, E. J.	3.20
Jefferson, D. A.	2.00	Palmer, E. S.	23.00
Jones, W. R.	18.00	Parker, Lee	10.00
Joyce Engraving Co., The Maurice	96.01	Parkersburg Dock Co.	8.00
Kahn & Co., Henry	27.30	Pearson, Silas	9.00
Kaylor, F. H.	15.00	Pellston Light & Power Co.	.75
Keuffel & Esser Co.	1.70	Penn Mining Co., The	19.64
Killean Co., Geo. P.	47.85	Petree, Thos. S.	4.00
Kipfmüller & Doan	17.50	Peiffer, P. J.	2.00
Kirton, C. W.	5.50	Philadelphia Bourse	6.50
Klein, John	9.80	Porteous, Russell W.	6.00
Knights-Thearle Co., C. H.	28.00	Power, J. W.	14.65
Koons, Lucien	2.00	Pullman, E. J.	5.40
Kuehnel, Frank	18.00	Quimby, M. H.	2.50
La Fontaine, C. G.	3.00	Ragsdale, John R.	5.00
Lamax, Jules	8.00	Raphael Co., H.	24.00
Lambie Co. (Inc.), James B.	150.41	Reich, R. H. Lee	2.25
Lander, H. W.	5.00	Rice, Hopkins J.	4.00
Lanneau's Art Store	10.00	Richardson, B. M.	2.50
Larimore, Grover C.	2.00	Rocky Mount Sash & Blind Co.	7.00
Lee, B. M.	7.50	Rosing, Anton S.	16.00
Leeper, J. H.	2.00	Rosslyn Supply Co.	2.10
Lesher, J. H.	1.50	Royer & Sweibel	8.00
Lewis, Fred.	6.00	Rudolph & West Co.	11.46
Libby, Harry T., jr.	3.00	Russell, John	21.70
Lietz, Co., The A.	10.50	Russian-American India Rubber Co.	104.49
Light & Power Commission	.60	St. John, J. M.	2.00
Liles, J. N.	12.90	St. Johns Light & Power Co., The	4.00
Lingo, W. B.	7.50	Sansbury, Theo T.	6.00
Livingston, R. L.	5.00	Sayers, J. F.	8.95
Livingston, Younge and Co.	8.00	Schwandt, P. F.	4.00
Locklear, James E.	20.00	Seaton & Maurer	32.00
Long, Wellington	28.00	Shaw, C. L.	5.00
Loucks, H.	12.90	Shepard, C. E.	3.00
Louthridge, Wm.	2.00	Sherlock, John	29.20
Loveman, Joseph & Loeb	4.15	Shoemaker & Co., Joseph L.	69.50
Lowdermilk & Co., W. H.	10.00	Signal Service of the Army	52.00
Lowry, G. A.	145.75	Sinclair, Jesse C.	7.50
Lufkin Rule Company, The	48.00	Smith, Thomas W.	103.20
McClary, W. H.	9.75	Southern Pacific Co.	50.20



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Gas and electricity—Continued.</i>	
Spacke Machine Co., The F. W. ....	\$6.61	Cape May Light & Power Co. ....	\$19.07
Spaulding, J. M. ....	15.00	Charleston Consolidated Railway, Gas	
Spencer & Tully. ....	10.00	& Electric Co. ....	13.07
Spicher, Wallace E. ....	7.00	Charlevoix Electric Light & Water	
Stafford, John. ....	2.00	Works. ....	25.00
Standard Oil Co. ....	222.41	Cheney Sons, P. H. ....	2.18
Starnor, B. F. ....	2.00	Citizens Electric Co. ....	30.00
Steiberger, J. Sol. ....	2.00	Citizens Gas & Electric Co. ....	24.47
Stevens Co., Chas. G. ....	6.34	Citizens Gas, Electric & Power Co. ....	9.80
Stewart, S. B. ....	653.53	City of Ashtabula. ....	16.49
Stith, Frank W. ....	17.50	City of Harbor Springs. ....	30.00
Stokes, W. W. ....	23.00	City of Milwaukee. ....	25.00
Stone, W. H. ....	8.15	City of Port Angeles. ....	30.00
Strong, C. D. ....	2.00	City of South Haven. ....	25.00
Sutliff, Byron. ....	10.00	City treasurer, Tacoma, Wash. ....	8.86
Tacoma Railway & Power Co. ....	40.00	Commonwealth Edison Co. ....	14.82
Tarver, T. C. ....	10.00	Consolidated Electric Light Co. of	
Thomas Co., Arthur H. ....	6.42	Maine. ....	75.00
Thomas, C. H. ....	2.00	Consolidated Gas Co. of New Jersey. ....	24.76
Threekeld, George A. ....	15.00	Consolidated Gas, Electric Light &	
Thrush, H. H. ....	18.50	Power Co. of Baltimore. ....	17.08
Thurston, Charles H. ....	18.00	Coos Bay Gas & Electric Co. ....	13.33
Timbrel, J. C. ....	9.00	Corpus Christi Ice & Electric Co. ....	9.50
Tower, Louis L. ....	10.00	Day, D. H. ....	30.00
Trussell, W. H. ....	24.00	Dexter Electric Light & Power Co. ....	15.20
Tuscarora-Elko Storage Co. ....	10.14	Electric Light Co. ....	36.00
U. O. Lumber Co. ....	29.00	Electric Light & Power Co. ....	13.64
United States Navy Department. ....	3.33	Elizabeth City Electric Light & Power	
Utley, J. W. ....	1.75	Co. ....	25.00
Valentine, B. F. ....	40.00	Estate of M. Marx. ....	35.00
Vance, Harry. ....	4.00	Fall River Electric Light Co. ....	25.05
Van Patten, F. W. ....	7.25	Frankfort Electric Light Co. ....	25.00
Vanderman Bros. Co. ....	9.77	Georgetown Electric Co. ....	8.75
Vann, George H. ....	10.00	Georgetown Railway & Light Co. ....	26.25
Van Dorsten, Henry William. ....	20.00	Gloucester Electric Co. ....	14.09
Wade, George W. ....	4.95	Grand Haven City Electric Light Co. ....	21.91
Walters, E. ....	3.00	Green Bay Gas & Electric Co. ....	25.00
Warren, O. E. ....	5.00	Gulfpport & Mississippi Coast Traction	
Wasatch Lumber Co. ....	35.25	Co. ....	14.50
Washburn Wire Co. ....	468.00	Humboldt Gas & Electric Co. ....	40.00
Weidler, Geo. L. ....	2.50	Huron Village Electric Light Plant. ....	12.47
Wells & Co. (Inc.), A. H. ....	2.30	Kenosha Gas & Electric Co. ....	36.00
Western Union Telegraph Co. ....	5.65	Light & Power Commission. ....	34.50
Western Electrical Instrument Co. ....	35.00	Loud's Sons Co., H. M. ....	12.00
Wetherill, Clayton. ....	5.00	Manistee Gas & Electric Co. ....	15.00
Whipple, G. N. ....	2.00	Marais Lumber Co. ....	13.64
White, F. S. ....	5.00	Marblehead Municipal Light Depart-	
Willis, Wilbur F. ....	2.00	ment. ....	17.55
Wimberley, J. T. ....	7.00	Marblehead Power Co., The. ....	27.60
Wimberly & Thomas Hardware Co. ....	3.25	Menominee & Marinette Light & Traction	
Wood, Edgar M. ....	26.00	Co. ....	8.72
Woodhouse Electric Co. ....	3.00	Michigan City Gas & Electric Co. ....	25.00
Woodson, J. B. ....	7.00	Miller & Son, J. E. ....	12.28
Woodward & Lothrop (Inc.) ....	212.02	Milwaukee Electric Railway & Light	
Wright, T. T. ....	3.00	Co., The. ....	25.00
Yarbrough, E. R. ....	10.00	Morgan City Electric Co. (Ltd.) ....	30.00
Yeager, Wildy S. ....	32.00	Municipal Electric Light Plant. ....	15.13
Zirjacks, Chas. C. ....	4.00	Municipal Water, Light & Power Co. ....	30.00
Total. ....	10,238.58	Muskegon Traction & Lighting Co. ....	30.00
<i>Gas and electricity.</i>		Mutual Light & Water Co. ....	28.80
Alpena Electric Light Co. ....	26.85	Narragansett Electric Lighting Co. ....	24.22
Anacortes Water Co. ....	30.00	New Bedford Gas & Edison Light Co. ....	30.00
Ashland Light, Power & Street Ry. Co. ....	35.00	Newburyport Gas & Electric Co. ....	26.03
Astoria Electric Co. ....	16.00	New London Gas & Electric Co. ....	25.05
Atlantic City Electric Co. ....	24.25	New Orleans Railway & Light Co. ....	16.98
Benton Harbor-St. Joe Railway &		Newport News & Old Point Railway	
Light Co. ....	25.00	& Electric Co. ....	12.50
Biloxi Electric Railway & Power Co. ....	4.50	O'Connor, Jas. ....	16.37
Blaine Municipal Light Co. ....	30.00	Ogdensburg Power & Light Co. ....	11.97
Board of fire and water commissioners. ....	9.16	Old Colony Street Ry. Co. ....	21.10
Bricker, W. S. ....	25.00	Pascagoula Street Railway & Power	
Buffalo General Electric Co. ....	15.30	Co. ....	18.00
		Pellston Light & Power Co. ....	25.00
		Peoples Gas & Electric Co of Oswego,	
		N. Y. ....	21.50

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (investigations and substations), \$112,500—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Gas and electricity—Continued.</i>		<i>Traveling and station and field expenses.</i>	
Peoples Light Co.....	\$13.20	Alexander, W. H.....	\$0.25
Port Arthur Water Co.....	15.00	Alps, Henry F.....	11.70
Port Huron Light & Power Co.....	11.38	Ashenberger, Albert.....	14.27
Port Lavaca Ice, Light & Power Co.....	18.00	Bauer, J. W.....	1.25
Power Department, Bayfield, Wis.....	10.00	Beals, Edward A.....	15.50
Rochester Railway & Light Co.....	13.88	Belden, W. S.....	6.65
Rockingham County Light & Power Co.....	30.32	Bigelow, Frank H.....	35.55
St. Johns Light & Power Co., The.....	10.00	Blair, William R.....	8.20
Santa Barbara Gas & Electric Co.....	15.90	Bliss, George S.....	10.00
Sheboygan Light, Power & Railway Co.....	22.00	Brandenberg, F. H.....	7.45
Stearns Lighting & Power Co.....	22.50	Bunnemeyer, B.....	.75
Sturgeon Bay Electric Light Plant.....	22.00	Campfield, L. M.....	21.25
Town of Edenton.....	25.00	Carpenter, Ford A.....	8.00
Two Rivers Water & Light Plant.....	36.00	Cowdrick, Howard B.....	1.70
United Light & Power Co.....	16.50	Denson, Lee A.....	2.10
Washburn Electric Light & Power Co.....	20.00	Devereaux, W. C.....	4.50
Washington Electric Plant.....	18.00	Dewing, Charles R.....	124.00
Whateom County Railway & Light Co.....	30.00	Doherty, C. J.....	4.00
Wickford Light and Water Co.....	26.05	Emery, E. H.....	1.77
		Emery, S. C.....	4.00
Total.....	2,008.02	Fassig, Oliver L.....	352.33
<i>Apparatus, instruments, and laboratory material.</i>		Feld, George F.....	.70
Eimer & Amend.....	9.00	Glenn, S. W.....	2.75
Friez, Julien P.....	246.00	Grant, R. Q.....	6.00
Taylor Instrument Companies.....	26.40	Hartwell, F. E.....	344.00
Total.....	281.40	Heiskell, Henry L.....	3.00
<i>Printing and binding.</i>		Henry, A. J.....	207.33
Bismarck Tribune Co.....	33.00	Jones, Harris A.....	58.75
Bulletin Publishing Co. (Ltd.).....	286.00	Kadel, Benjamin C.....	273.65
Chilver Co., J.....	32.25	Kenealy, James.....	.72
Crocker Co., H. S.....	4.00	Lane, N. D.....	21.40
Dement Bros. Printing Co.....	4.00	Laskowski, Bernard R.....	335.85
DeVors-Davies Binding & Stationery Co.....	2.25	McAdie, Alexander G.....	2.20
Dispatch Printing & Engraving Co.....	3.75	Math, Frank A.....	102.39
Grimms Book Bindery.....	2.00	Mitchell, A. J.....	1.10
Hawaiian Gazette Co. (Ltd.).....	876.00	Palmer, W. S.....	10.65
Independent Bindery.....	41.80	Pindell, L. M.....	10.00
Jacobs & Holmes.....	58.50	Rawle, W. A. R.....	.72
McNeil, H. H.....	37.60	Reed, William F., jr.....	1.00
Mitchell & Co., Rodney.....	5.00	Roberts, Orris W.....	3.00
Murphy Press.....	11.10	Robeson, James W.....	.25
Naegele Printing Co.....	18.00	Scarr, James H.....	23.68
New Mexican Printing Co.....	16.00	Sherry, B. J.....	6.70
Reid, F. George.....	22.00	Spindler, Harvey H.....	4.00
Sentinel Bindery.....	32.90	Stewart, William P.....	25.00
Statesman Printing Co.....	54.00	Stockman, William B.....	372.30
Stewart, C. H.....	44.00	Taylor, N. R.....	17.70
Sweet Printing Co.....	24.00	Thompson, Charles D. C.....	1.00
Western Specialty Co. (Inc.).....	3.70	Townsend, Theodore F.....	10.00
Total.....	1,611.85	Wells, Edward L.....	.60
		Wollaber, Arthur B.....	27.39
		Wood, Charles S.....	.85
		Wurtz, Geo. B.....	14.20
		Yeager, E. E.....	234.00
		Young, R. F.....	4.90
		Total.....	2,763.00

Total amount of appropriation.....\$112,500.00  
 Total expenditures under above groups.....102,691.63

Unexpended balance.....9,808.37  
 Repayment to credit of appropriation.....3.57

Net unexpended balance.....9,811.94

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (printing office), \$45,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Archibald, William L. ....	Compositor, at \$1,500 .....	\$164.31	.....
Baker, Vinton O. ....	Compositor, at \$1,250 .....	104.17	.....
Blayne, Frank D. ....	do. ....	618.06	.....
Brandt, Fred W. H. ....	do. ....	232.65	.....
Coakley, Thomas P. ....	do. ....	90.27	.....
Fugitt, Frank P. ....	do. ....	204.87	.....
Hussey, Dexter S. ....	do. ....	291.67	.....
Potts, Gustavus A. ....	do. ....	246.54	.....
Staples, Albert L. ....	Compositor and monotype machinist, at \$1,250 .....	496.53	.....
Dickson, Howard W. ....	Folder and feeder at \$630 and \$720 .....	386.25	.....
Boyce, George J. ....	Folder and feeder at \$630 .....	124.25	.....
Crown, Edgar S. ....	do. ....	99.64	.....
Total .....		3,059.21	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P. ....	\$851.88	Espey, John B. ....	\$3.50
Ballantyne, R. Carter. ....	12.16	Fairbanks Co., The. ....	3.20
Library Bureau. ....	20.75	French & Co., Geo. E. ....	12.00
Lindemeyr, Philip. ....	68.10	Fuchs & Lang Manufacturing Co. ....	899.01
Mathers-Lamm Paper Co. ....	337.36	Gay, William. ....	22.00
Old Dominion Paper Co. ....	115.93	Giehner, Ernest. ....	16.00
Swayze, Bailey & Co. ....	3.20	Goodrich Co., B. F. ....	4.09
Typewriter & Office Supply Co. ....	3,727.45	Harrigan, Mark D. ....	58.70
Union Envelope Co. ....	4.00	Harris Automatic Press Co. ....	6.70
Valley Paper Co. ....	107.40	Hurley, J. E. ....	9.00
Total .....	1,075.50	Hutchinson, W. J. ....	33.00
	6,323.73	Johnson & Co., Chas. Eneu. ....	947.80
<i>Furniture.</i>		Joyce Engraving Co., The Maurice. ....	478.61
Lansburgh Furniture & Carpet Co., The Julius. ....	6.00	Keystone Type Foundry. ....	107.16
Woodruff Manufacturing Co. ....	162.00	Lambie Co. (Inc.), James B. ....	57.13
Total .....	168.00	Lansburgh & Bro. ....	13.04
<i>Miscellaneous supplies, etc.</i>		Lanston Monotype Machine Co. ....	9,625.32
American Type Founders Co. ....	862.33	Leese, M. A. ....	.80
Andrews Paper Co., R. P. ....	382.35	Lindemeyr, Philip. ....	10,205.94
Automatic Furnace Co. ....	135.00	Lord Baltimore Press. ....	117.50
Ballantyne, R. Carter. ....	.74	Mackall Brothers. ....	22.54
Banks & Co., F. S. ....	1.59	Martin & Co., Otto. ....	4.00
Bausch & Lomb Optical Co. ....	4.05	Mathers-Lamm Paper Co. ....	131.27
Beckert, Geo. J. ....	.50	Miller & Co., Geo. W. ....	416.64
Boston Wire Stitcher Co. ....	1.18	Moran Co., John. ....	7.05
Bright & Megill. ....	84.18	Mueller, George J. ....	.50
Campbell Printing Press & Manufac- turing Co. ....	1.80	Mullin, Edward. ....	162.00
Chesapeake Supply Co. ....	14.18	Munson Belting Co., Chas. ....	17.74
Clarke Co., R. P. ....	102.60	Murphy Co. (Inc.), E. J. ....	.35
Cohen Co. ....	.75	Muth & Co., Geo. F. ....	20.03
Copeland Co., M. G. ....	1.35	National Electrical Supply Co. ....	14.02
Cottrell & Sons Co., C. B. ....	30.75	Norris Peters Co., The. ....	2.00
Derber Folder Co. ....	1,220.00	O'Callaghan, P. H. ....	36.00
Dobler & Mudge. ....	143.60	Ogram, Thomas E. ....	.50
Ergood & Co., J. C. ....	.50	Osburn, Robert C. ....	947.90
		Pittsburgh White Metal Co. ....	158.00
		Potomac Electrotpe Foundry. ....	495.08
		Reilly, Hugh. ....	122.88
		Renz & Ludwig. ....	26.25
		Rhodes & Co., James H. ....	2.82
		Ross Co., Chas J. ....	1.80
		Rudolph & West Co. ....	2.55
		Schmidt, Fred A. ....	8.00



## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Weather Bureau, 1910 (printing office), \$45,000."*—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Schmidt, O. H. ....	\$15.00	Unique Steel Block Co. ....	\$559.00
Scott & Co., Walter .....	18.00	United States Interior Department....	180.00
Shoemaker & Busch .....	22.98	Valley Paper Co. ....	681.60
Somerville Co., Thomas .....	8.05	Veeder Manufacturing Co. ....	29
Southern Printers Supply Co. ....	475.48	Wheeler, F. ....	7.20
Standard Oil Co. ....	22.47	Woodward & Lothrop (Inc.) .....	.60
Swayze, W. L. ....	4,890.43	Total .....	35,296.48
Typewriter & Office Supply Co. ....	207.51		
Total amount of appropriation .....			\$45,000.00
Total expenditures under above groups .....			44,847.42
Unexpended balance .....			152.58

## RECAPITULATION.

Statutory salaries .....	\$204,560.91
Lump-fund salaries in Washington .....	25,274.44
Lump-fund salaries outside of Washington .....	680,210.02
Stationery .....	16,454.07
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	138,460.98
Furniture .....	10,039.54
Fuel .....	9,517.37
Freight .....	2,939.75
Express .....	873.84
Telegraph .....	180,435.45
Telephone .....	23,838.14
Rent .....	73,953.43
Gas and electricity .....	5,828.62
Apparatus, instruments, and laboratory material .....	9,830.91
Printing and binding .....	1,671.99
Travel and station and field expenses .....	26,214.53
Total for entire Weather Bureau .....	1,410,103.99
Total amount of appropriation .....	1,508,260.00
Total expenditures under above groups .....	1,410,103.99
Unexpended balance, August 31, 1910 .....	98,156.01
Repayments to credit of appropriation .....	17.47
Net unexpended balance on August 31, 1910 .....	98,173.48
Outstanding liabilities (estimated) .....	86,585.00
Balance to be turned back into Treasury (estimated) .....	11,588.48

## PROJECTS.

The principal projects conducted by the Weather Bureau during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

The general work of the Weather Bureau outside of Washington was carried on under the authority contained in the appropriation general expenses, Weather Bureau. The commissioned employees were located at 209 stations, the majority of which served as centers for the prosecution of forecast, climatological, crop, river, and flood work, etc., in the surrounding sections. The official in charge and the employees under him were engaged in the performance of the various lines of work that were carried on at each station. This work has been divided into projects, which are hereafter described. As an illustration: The official in charge of the station at New Orleans is in charge of the climatological work of the State of Louisiana, the forecasting of stages for the rivers within the State, the taking and recording of observations, the issuing of daily weather and temperature forecasts, the making of frost and cold-wave forecasts for several States, the dissemination of storm and hurricane warnings, the collection and dissemination of special meteorological crop observations, ocean meteorological observations, the printing and issuing of weather maps, bulletins, forecast cards, etc. All of this



work is done by the official in charge and his corps of assistants, much of it being done simultaneously, the total time devoted to any one project varying from day to day according to existing weather conditions. The whole work is done in the same office using the same furniture, stationery, and having a common expense for fuel, gas, electricity, etc. The work is so coordinated as to accomplish the greatest amount with the least expense, but the impracticability of determining an accurate cost of rent, gas, electricity, fuel, stationery, furniture, and other miscellaneous expenses, and the exact salary cost for each line of work is evident. The condition at New Orleans is typical of other stations. Therefore the cost indicated for each project has been approximated, but it is reasonably correct.

#### NO. 1. ADMINISTRATION (IN WASHINGTON).

##### *Cost.*

Salaries in Washington .....	\$115, 813. 12
Traveling and field expenses .....	752. 59
Fuel, lights, repairs, supplies, etc.....	24, 811. 30
Total.....	141, 377. 01

#### NO. 2. THE MONTHLY WEATHER REVIEW.

A summary of the weather of the month and the year, showing average temperature and other climatological data for about 3,600 land stations in the United States. The aim is to present the meteorological conditions for each month, so that the weather of any part of the United States can be easily compared with that of any other or with that of any portion of the world.

##### *Cost.*

Salaries .....	\$10, 500. 00
Paper, etc.....	2, 390. 00
Total.....	12, 890. 00

#### NO. 3. FORECAST WORK.

(a) *Weather and temperature forecasts.*—Made twice daily for all States; based upon observations of meteorological conditions made at about 230 stations in the United States, the West Indies, Hawaiian Islands, Alaska, the Azores, Iceland, Canada, and a few points in Europe and Asia.

(b) *Storm warnings.*—Warnings of storms likely to imperil shipping; distributed by telegraph, telephone, and other expeditious means to all ports on the Atlantic, Pacific, and Gulf seacoasts, and Great Lakes that are within the threatened zone.

(c) *Cold waves.*—Advices of coming cold waves given in threatened districts 12 to 36 hours in advance by means of telegraph, telephone, mail, flag signals, etc.

(d) *Frost warnings.*—Issued during crop-growing seasons in the interest of fruit, truck, tobacco, and other growers.

(e) *Hurricane warnings.*—Special advices to threatened districts on Atlantic and Gulf coasts of approach of West Indian hurricanes.

(f) *Heavy snow warnings.*—For the benefit of transportation lines, both in and out of cities.

(g) The daily distribution of forecasts and meteorological information by maps, bulletins, forecast cards, etc.

##### *Cost.*

Salaries .....	\$378, 784. 20
Traveling and field expenses .....	11, 988. 33
Miscellaneous supplies and expenses .....	304, 839. 54
Total.....	695, 612. 07

## No. 4. RIVER AND FLOOD SERVICE.

For the staging of rivers and the issuing of daily forecasts of water stages and of flood warnings in the interest of commerce and navigation and for the saving of life and property.

*Cost.*

Salaries.....	\$73, 738. 44
Traveling and field expenses.....	1, 020. 18
Miscellaneous supplies and expenses.....	25, 887. 54
Total.....	100, 646. 16

## No. 5. CRANBERRY MARSH INVESTIGATIONS.

Conducted in the marshes of Winconsin for the purpose of improving frost warnings for benefit of this industry, which is peculiarly subject to damage by frost.

*Cost.*

Salaries.....	\$160. 00
Miscellaneous supplies and expenses.....	50. 00
Total.....	210. 00

## No. 6. CLIMATOLOGICAL AND CROP WORK.

(a) *Climatological work*.—Establishing the climatology of the United States by means of meteorological observations taken at regular stations and by about 3,600 cooperative observers, at least one being located in each county in the United States. The data for each State is collected monthly at a regular station designated as the State center and published in the Monthly Weather Review.

(b) *Meteorological crop reports*.—Special observations of weather, precipitation, and temperature taken at about 290 places in the great cereal and cotton belts and telegraphed daily to district centers, where they are issued in bulletin form for the benefit of the corn, cotton, sugar, rice, and wheat interests. Weekly bulletins, giving the summary of weather conditions for the preceding week that have marked bearing on crops, are printed and issued from each State center.

*Cost.*

Salaries.....	\$109, 419. 15
Traveling and field expenses.....	3, 060. 54
Miscellaneous supplies and expenses.....	77, 662. 61
Total.....	190, 142. 30

## No. 7. MARINE METEOROLOGY.

(a) *Marine meteorological work*.—The collection of meteorological and physical information pertaining to the oceans, for vessels of war, of commerce, etc.; plotting the data on daily synoptic charts, etc., and the preparation of data for use in the monthly pilot charts of the Atlantic and Pacific Oceans issued by the Hydrographic Office.

(b) *Vessel reporting*.—The arrival and departure of passing vessels for the benefit of commerce and navigation at certain stations located on the Atlantic, Gulf, and Pacific coasts.

*Cost.*

Salaries.....	\$31, 220. 00
Traveling and field expenses.....	167. 55
Miscellaneous supplies and expenses.....	2, 906. 91
Total.....	34, 294. 46

## No. 8. RESEARCH OBSERVATORY.

For conducting meteorological observations for the improvement of weather forecasts, warnings, etc.

(a) Meteorological observation station work.

(b) Studies of the atmosphere at the surface of the earth and at various altitudes; determinations of its temperature, moisture content, pressure, state of electrification, direction and magnitude of its movements; its cloudiness, dust content, absorption of light, of heat, and of electric waves, and its various other properties.

(c) Solar investigations, involving a careful measurement of the insolation, or amount of solar energy reaching the earth in a unit of time; the size and distribution of sun spots, faculae, and prominences, and an especial effort to detect all changes in the registered amounts of solar energy and a careful effort to refer these changes to their real causes, whether of terrestrial or of solar origin.

(d) *Terrestrial magnetism*.—A study of the regular and of the irregular changes in the magnitude and direction of the earth's magnetic force, in connection with other terrestrial phenomena and with solar activities of all kinds.

(e) *Laboratory investigations*.—The reproduction under controllable conditions of various meteorological phenomena, and experiments that may aid in explaining the origin and laws of weather conditions; also the construction and standardizing of certain apparatus.

*Cost.*

Salaries.....	\$28,920.00
Traveling and field expenses.....	2,017.71
Miscellaneous supplies, apparatus, etc.....	7,023.69
Total.....	37,961.40

## No. 9. INSTRUMENTS.

Testing, comparing, devising, and making the delicate and dependable instruments that are required in practical and scientific meteorological work.

*Cost.*

Salaries.....	\$39,234.62
Traveling and field expenses.....	1,020.18
Miscellaneous supplies and expenses.....	25,887.54
Total.....	66,142.34

## No. 10. INSPECTION OF STATIONS.

Two officials who are charged with the inspection of the personnel, records, and service at the 209 regular stations of the bureau.

*Cost.*

Salaries.....	\$5,000.00
Traveling and field expenses.....	860.39
Total.....	5,860.39

## No. 11. TELEGRAPH SERVICE.

The collection and dissemination of observations, reports, forecasts, warnings, etc., including the maintenance and repair of telegraph and cable lines. The Weather Bureau operates several Government telegraph and cable lines, which are maintained for the securing of meteorological observations and in the interest of navigation, including the reporting of wrecks and marine casualties.

*Cost.*

Salaries.....	\$30,140.77
Traveling and field expenses.....	612.11
Miscellaneous supplies and expenses.....	15,532.52
Total.....	46,285.40

## No. 12. RECORDS.

Taking observations, correcting and compiling the meteorological records made by the bureau at regular stations.

*Cost.*

Salaries.....	\$78,463.07
Traveling and field expenses.....	2,448.44
Miscellaneous supplies and expenses.....	62,130.08
Total.....	143,041.59

## No. 13. BUILDINGS.

The construction and repair of observatory buildings outside of the District of Columbia.

*Cost.*

Salaries.....	\$500.00
Traveling and field expenses.....	453.94
Miscellaneous supplies and expenses for repairs.....	8,937.82
Total.....	9,891.76

## No. 14. EVAPORATION.

The overflow of the Colorado River through the irrigation ditches in the Imperial Valley filled the old Salton Basin, 285 feet below sea level, to the depth of 80 feet. The Salton Sea now presents a surface of several hundred square miles and affords an exceptional opportunity for evaporation investigations. These investigations are to determine the rate at which valuable submerged lands will be recovered and solve many problems that are of vital importance to engineers engaged in irrigation, waterways, and reclamation work. Evaporation and rainfall are correlative factors in the supplying of water for waterways, reservoirs, and farming generally, but meteorologists have heretofore been limited to the collection of precipitation data only, and there is a lack of knowledge regarding the losses by evaporation. It is a gap in practical science greatly needed to be filled.

*Cost.*

Salaries.....	\$8,284.00
Traveling and field expenses.....	1,812.57
Miscellaneous supplies and expenses.....	2,220.07
Total.....	12,316.64

## BUREAU OF ANIMAL INDUSTRY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Animal Industry, 1910, \$114,100."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Melvin, A. D.....	Chief of Bureau, at \$5,000.....	\$5,000.00	\$706.12
Carroll, Charles C.....	Chief clerk, at \$2,000.....	2,000.00	
Pickens, J. M.....	Editor and compiler, at \$2,000.....	2,000.00	172.80
Abel, Joseph.....	Clerk, class 4.....	1,800.00	
Chase, James L.....	do.....	1,800.00	
Newmyer, E. J.....	do.....	1,800.00	
Pew, I. W.....	do.....	1,800.00	
Cross, C. H.....	Clerk, class 3.....	1,600.00	
LaPelle, Zebedee.....	do.....	1,600.00	
Moran, H. E.....	do.....	1,600.00	
Rice, J. A.....	do.....	1,600.00	9.10
Roberts, John.....	do.....	1,600.00	
Bennett, E. A.....	Clerk, class 2.....	1,400.00	



## BUREAU OF ANIMAL INDUSTRY.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Bureau of Animal Industry, 1910, \$114,100"—Continued.

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Cohran, J. R.	Clerk, class 2	\$1,400.00	
Corey, Charles R.	do.	1,400.00	
Fravel, F. R.	do.	1,400.00	\$63.76
Gibbs, B. H.	do.	789.44	
Gregory, Fannie N.	do.	147.78	
Gibbs, Henry C.	do.	700.00	
Swank, W. R.	do.	350.00	
Haughton, Nellie F.	do.	1,400.00	
Hornbaker, J. N.	do.	1,400.00	
Housman, Anna M.	do.	1,400.00	
Johnston, E. C.	do.	1,400.00	
Magee, R. W.	do.	1,400.00	
Meyst, F. W.	do.	350.00	
Ruddiman, Harry D.	do.	700.00	414.90
More, F. C.	do.	1,400.00	168.97
Myers, Carrie.	do.	1,400.00	
Sartz, R. S. N.	do.	1,400.00	
Lee, Wm. C.	Clerk, at \$1,300	1,300.00	1.28
Allen, Burr.	Clerk, class 1	1,200.00	
Dent, Mary T.	do.	1,150.00	
Fagan, Mary E.	do.	1,200.00	
Gardner, Edith F.	do.	1,200.00	
Gibbs, Henry C.	do.	600.00	
Porter, Harry W.	do.	600.00	
Hatchitt, Nina.	do.	573.33	
Walters, Mildred E.	do.	600.00	
Mahon, M. H.	do.	1,200.00	
Ormsby, Andrew A.	do.	1,200.00	
Pirtle, T. R.	do.	1,200.00	
Puette, Grace.	do.	1,200.00	
Ruddiman, Harry D.	do.	600.00	
Sherman, Caroline B.	do.	600.00	
Sehorn, Victor H.	do.	1,200.00	
Summer, Louis C.	do.	913.33	
Tyson, Fanny.	do.	1,200.00	
Harter, Eugene C.	Clerk, at \$1,000	41.67	
Porter, Harry W.	do.	500.00	
Bingman, Harry.	do.	1,000.00	
Field, James E.	do.	1,000.00	
Henderson, Alice.	do.	830.56	
Jones, Willie W.	do.	500.00	
Lewis, Lula.	do.	1,000.00	
Lipp, Paul H.	do.	1,000.00	
McFarland, Hattie B.	do.	1,000.00	
Raub, Ruth D.	do.	997.23	
Ricketts, Hoyte.	do.	869.46	
Ross, Phebe Ann.	do.	125.01	
Smith, Robert H., jr.	do.	1,000.00	105.97
Thorwarth, Estella S.	do.	1,000.00	
Sherman, Caroline B.	do.	500.00	
Walters, Mildred E.	do.	500.00	
Armstrong, Jessie V.	Clerk, at \$900	892.50	
Jones, Willie W.	do.	450.00	
Manderfield, Bina.	do.	450.00	
Rapp, Emma V.	do.	657.50	
Wood, Elizabeth J.	do.	900.00	
Krause, Lillian A.	do.	420.00	
Manderfield, Bina.	Clerk, at \$840	420.00	
Paulson, Fannie E.	do.	840.00	
Phillips, Ella M.	do.	840.00	
Eldridge, J. E.	do.	10.00	
Johnson, Victorine E.	Clerk, at \$720	120.00	
Jump, W. Ashby.	do.	360.00	
Langille, Letitia A.	do.	720.00	
Murphy, Carrie L.	do.	720.00	
Sands, Laura A.	do.	720.00	
Brough, William.	Mechanic, at \$1,200	1,200.00	6.10
Stedman, R. G.	Messenger and custodian, at \$1,000	750.00	
Thompson, R. E. L.	do.	229.16	6.15
Wilson, Charles C.	Carpenter, at \$1,100	870.83	
Freedman, Charles.	Carpenter, at \$900	900.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Bureau of Animal Industry, 1910, \$114,100."—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Haislip, Albert L.	Carpenter, at \$900.	\$708.12	
Wilson, Charles C.	do	187.50	
Neilson, Charles W. C.	do	873.44	
Davis, F. C.	Painter, at \$900.	790.00	
Hughes, Harry M.	do	52.50	
Castleman, Stephen D.	Messenger, at \$840.	245.00	
Perry, J. M.	do	245.00	
Reamy, Thomas B.	do	562.33	
Stedman, William P.	do	840.00	
Mull, R. B.	Messenger, at \$720.	720.00	
Nicholas, John.	do	720.00	
Wesley, Charles.	do	720.00	
Schilmoneck, Wm. C.	do	720.00	
Cowles, Allen P.	Messenger boy, at \$480.	340.00	
Griffith, Gardiner L.	do	124.00	
Eldridge, J. E.	do	193.33	
Goetz, Lena B.	Skilled laborer, at \$840.	840.00	
Kengla, G. A.	Skilled laborer, at \$720.	720.00	
Perry, J. M.	do	510.00	
Berlin, S. S.	Skilled laborer, at \$600.	600.00	
Phillips, Annie E.	do	600.00	
Scheerer, George W.	Skilled laborer, at \$660.	660.00	
Haines, W. S. D.	Illustrator, at \$1,400.	1,400.00	
Epps, Richard.	Laborer, at \$600.	600.00	
Sullivan, Maggie E.	do	600.00	
Willis, Charles P.	do	600.00	
DeAtley, Alice V.	Charwoman, at \$540.	540.00	
Atkins, Emma J.	Charwoman, at \$480.	480.00	
Hughes, M. L.	do	480.00	
Jones, Jennie.	do	480.00	
Madella, S. W.	do	480.00	
Ridley, Cora M.	do	480.00	
Winfield, Fannie E.	do	480.00	
Jordan, Willie E.	Charwoman, at \$240.	240.00	
Reid, Helen C.	do	90.00	
Total		105,029.02	

Total amount of above appropriation	\$114,100.00
Total amount paid for salaries	105,029.02
Unexpended balance	9,070.98

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Ramsay, R. A.	Assistant chief of inspection division, at \$2,500.	\$2,500.00	\$878.45
Benner, W. G.	Veterinary inspector, at \$1,800.	975.00	245.60
Hanawalt, D. C.	do	1,350.00	737.68
McKeown, T. H.	do	1,800.00	422.21
Myers, M. J.	do	450.00	853.51
Woodward, B. T.	do	1,800.00	87.79
Caldwell, Harry.	Veterinary inspector, at \$1,400.	350.00	780.05
Scott, P. B.	do	350.00	754.87
Morgan, Paul C.	Inspector's assistant, at \$840.	210.00	43.35
McConville, A. H.	Law clerk, at \$1,400.	742.78	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd</i>			
Goding, Harry	Clerk, at \$1,600	\$800.00	
Tharin, Frank	Clerk, at \$1,400	369.44	
Spence, G. B.	Stenographer and typewriter, at \$1,200	673.33	
Siedman, R. G.	Skilled laborer, at \$1,000; hire of motor cycle, \$105.	355.00	
Wade, William H.	Skilled laborer, at \$900	425.00	\$67.75
Total		13,150.55	
<i>Out of Washington.</i>			
Baker, Lewis R.	Veterinary inspector, at \$2,500	312.51	107.35
Davison, Elwin T.	Veterinary inspector, at \$2,000	2,000.00	176.84
Hicks, H. H.	do	2,000.00	765.60
Howe, Walter E.	do	2,000.00	1,240.40
Imes, Marion	Veterinary inspector, at \$2,000; horse hire, \$255.	2,225.00	614.08
McClure, S. W.	Veterinary inspector, at \$2,000	2,000.00	597.72
Miller, Arthur W.	do	2,000.00	188.86
Murray, F. E.	do	2,000.00	1,045.75
Thackaberry, J. J.	do	416.67	203.05
Treacy, R. H.	do	1,966.66	1,895.82
Wallace, Archibald H.	do	166.67	83.65
Carnachan, Thos. W.	Veterinary inspector, at \$1,900	131.95	65.63
Adair, Harry B.	Veterinary inspector, at \$1,800	1,800.00	305.48
Barnhart, Chas. W.	do	375.00	215.55
Barth, W. C.	do	1,800.00	816.60
Batchelder, H. M.	do	1,800.00	523.67
Blanche, Richard J.	do	60.00	
Bond, George A.	do	335.00	200.48
Burgett, John L.	do	1,200.00	247.28
Burneson, James C.	do	1,800.00	627.87
Canfield, Chas. H.	do	1,800.00	144.34
Cary, Emerson J.	do	1,800.00	1,895.71
Clawson, Clarence A.	Veterinary inspector, at \$1,800; horse hire, \$420.	2,220.00	319.86
Cosford, S. E.	Veterinary inspector, at \$1,800	1,800.00	232.00
Cowie, Chas.	do	1,795.00	189.41
Drake, Roy N.	do	1,800.00	292.10
Durfee, Clarence O.	do	600.00	548.27
Eagle, Thomas J.	do	205.00	576.28
Fleming, Wm. R.	do	425.00	139.80
Hammond, Harry J.	do	1,800.00	609.15
Hanawalt, D. C.	do	360.00	
Heacock, Clyde C.	Veterinary inspector, at \$1,800; horse hire, \$675.	2,475.00	317.44
Hougendobber, Jno. J.	Veterinary inspector, at \$1,800	1,800.00	494.78
Hurst, Wilbur H.	do	1,800.00	588.85
Hutchinson, Ernest N.	do	1,125.00	775.70
Johnson, Raymond	do	735.00	167.69
Johnson, Western L.	do	1,800.00	1,139.45
Jones, Wm. F.	do	1,800.00	351.00
Kershner, Peter I.	do	1,800.00	844.26
Lawton, R. G.	do	1,800.00	1,075.10
Lowe, J. H.	do	1,800.00	576.10
McNally, Henry R.	Veterinary inspector, at \$1,800; horse hire, \$87.	1,887.00	350.10
Mayne, H. D.	Veterinary inspector, at \$1,800	1,800.00	388.65
Mead, Rolla N.	do	300.00	248.73
Myers, Murray J.	do	325.00	
Nutting, L. A.	do	415.00	19.20
Payne, Albert J.	do	1,800.00	599.95
Pearson, Charles	Veterinary inspector, at \$1,800; horse hire, \$240.	2,040.00	145.40
Perry, F. M.	Veterinary inspector, at \$1,800	645.00	175.50
Richmond, X. I.	do	855.00	474.57
Savage, W. A.	Veterinary inspector, at \$1,800; horse hire, \$675.	2,475.00	279.18
Schumacher, Wilhelm	Veterinary inspector, at \$1,800	1,800.00	608.01
Siggins, E. L.	do	1,125.00	779.60
Simpson, John M.	Veterinary inspector, at \$1,800; horse hire, \$75.	1,875.00	624.24
Smith, N. B.	Veterinary inspector, at \$1,800	1,650.00	192.19
Stout, Edgar N.	do	1,800.00	591.85
Thompson, William	do	1,800.00	244.66
Ward, G. W.	do	1,800.00	71.04
Wiley, Morris C.	Veterinary inspector, at \$1,800; horse hire, \$675.	2,475.00	447.56



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Zink, Charles H.	Veterinary inspector, at \$1,800.	\$1,800.00	\$930.35
Corlis, W. S.	Veterinary inspector, at \$5 per diem.	125.00	31.16
Cumming, D.	do.	1,085.00	60.65
Van Loven, A. R.	do.	70.00	18.42
Babson, S. C.	Veterinary inspector, at \$1,600.	1,600.00	627.75
Behler, Clayton R.	do.	1,600.00	530.65
Brady, Patrick J.	do.	200.01	391.09
Butler, W. J.	do.	1,426.67	708.65
Campbell, Larkin S.	do.	1,600.00	
Dill, Robert.	do.	1,600.00	838.80
Elwell, Fred N.	do.	1,600.00	562.20
Gallagher, John J.	do.	1,600.00	1,138.75
Glynn, Frank J.	do.	1,551.11	694.17
Hamilton, Wm.	do.	1,600.00	288.86
Harmon, A. A.	do.	1,600.00	959.98
Hart, Harry M.	do.	355.56	187.45
Henderson, L. C.	Veterinary inspector, at \$1,600; horse hire, \$165.	1,631.66	28.80
Hood, Harvey B.	Veterinary inspector, at \$1,600.	1,600.00	865.98
Johnson, Fred E.	do.	1,600.00	748.02
Johnson, Levi E.	do.	1,600.00	1,127.32
Lipp, Geo. A.	Veterinary inspector, at \$1,600; horse hire, \$675.	2,275.00	418.33
Noyes, Orrin W.	Veterinary inspector, at \$1,600.	1,600.00	750.58
Pinkerton, H. E.	do.	1,600.00	392.02
Potter, H. T.	do.	1,600.00	776.44
Rapp, Chas. A.	do.	942.22	372.53
Rietz, John H.	do.	1,600.00	836.98
Rigdon, Frank.	Veterinary inspector, at \$1,600; horse hire, \$600.	1,933.34	216.70
Schneider, Fred L.	Veterinary inspector, at \$1,600; horse hire, \$675.	2,275.00	847.10
Skinner, Wm. A.	Veterinary inspector, at \$1,600; horse hire, \$410.	1,210.00	231.20
Snyder, Rudolph.	Veterinary inspector, at \$1,600.	1,600.00	715.85
Young, John M.	do.	1,595.55	749.75
Morin, C. L.	Veterinary inspector, at \$1,500.	1,500.00	239.49
Abbott, Albert P.	Veterinary inspector, at \$1,400.	291.67	194.05
Alexander, E. V.	do.	241.11	
Allen, Frank T.	do.	1,400.00	784.08
Allen, Rollin M.	do.	1,400.00	1,155.57
Anders, Thomas O.	do.	758.34	513.45
Barnhart, Emmet P.	do.	1,400.00	1,457.85
Barr, Irwin E.	Veterinary inspector, at \$1,400; horse hire, \$352.	1,752.00	171.81
Beck, Walter H.	Veterinary inspector, at \$1,400.	1,131.67	484.72
Begeman, Philip F.	do.	1,400.00	593.97
Biggs, Anson W.	Veterinary inspector, at \$1,400; horse hire, \$50.	1,216.66	220.33
Bontrager, Chas. F.	Veterinary inspector, at \$1,400.	1,400.00	657.70
Breckerbaumer, H. E.	do.	291.67	194.20
Brimhall, S. D.	Veterinary inspector, at \$1,400 and \$1,600.	1,483.33	1,198.24
Burke, Henry.	Veterinary inspector, at \$1,400.	350.00	131.61
Butcher, James C.	do.	120.55	
Butin, George E.	Veterinary inspector, at \$1,400; horse hire, \$280.	1,680.00	141.05
Caldwell, Harry.	Veterinary inspector, at \$1,400.	213.90	
Carter, Clifton.	Veterinary inspector, at \$1,400; horse hire, \$411.67	1,566.67	256.15
Casper, Geo. T.	Veterinary inspector, at \$1,400.	1,400.00	541.70
Coffy, Joseph P.	do.	73.89	179.35
Cohenona, Howard H.	do.	1,400.00	610.91
Cole, Guy T.	do.	933.33	82.57
Corbett, Charles M.	do.	1,400.00	323.70
Courtright, Wm. W.	do.	346.11	277.20
Cullen, David.	do.	291.67	349.44
Daughtrey, Geo. H.	do.	1,131.67	814.65
Davidson, Wm. A.	do.	116.67	62.40
Davis, Benj. F.	do.	1,088.89	959.20
Day, William E.	do.	116.67	87.85
Dickey, Elvon S.	do.	373.33	714.53
Dill, Bennie G.	do.	1,400.00	680.80
Dumbauld, H.	Veterinary inspector, at \$1,400; horse hire, \$280.	1,680.00	532.51
Dunaway, Whig F.	Veterinary inspector, at \$1,400.	1,400.00	494.45
Dunn, Charles W.	do.	1,131.67	975.90
Durham, Edgar P.	do.	933.33	320.15
Eastman, Charles.	do.	466.67	599.50
Ellis, James E.	do.	1,287.22	961.57
Ettling, C. C.	Veterinary inspector, at \$1,400; horse hire, \$675.	2,075.00	257.80



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Evans, A. E.	Veterinary inspector, at \$1,400	\$311.11	\$332.80
Fairbank, Harry H.	do.	291.67	231.70
Foster, Joab P.	do.	1,400.00	503.89
Freeman, Carl E.	do.	198.34	347.85
Gallagher, F. L.	do.	1,400.00	1,077.75
Gardner, J. H., Jr.	do.	233.34	226.57
Gibson, J. E.	do.	361.67	362.85
Glaesyer, Ernest L.	do.	1,396.11	1,219.72
Glaesyer, Wallace V.	do.	1,225.00	632.50
Glynn, Lawrence L.	do.	1,400.00	1,169.24
Grace, Wm. A.	do.	1,400.00	520.24
Grake, Harry	Veterinary inspector, at \$1,400; horse hire, \$120	586.67	133.60
Gran, Jeppe A.	Veterinary inspector, at \$1,400	1,400.00	992.79
Grimes, Robt. B.	do.	1,400.00	677.28
Gross, Wm. F.	do.	1,166.66	670.20
Hanson, Walter L.	do.	291.67	192.30
Huff, T. Barnett.	do.	812.78	87.80
Huffman, Ward T.	do.	1,400.00	1,093.09
Hulbush, Chas. A.	do.	1,400.00	925.42
Hunt, Frederick W.	do.	27.23	31.25
Hurst, Dan W.	do.	291.67	185.15
Hutchison, John	do.	933.33	509.85
James, Irvin L.	do.	1,400.00	234.23
Jones, Louis L.	Veterinary inspector, at \$1,400; horse hire, \$300	1,700.00	114.41
Jones, Robt. W.	Veterinary inspector, at \$1,400; horse hire, \$75	1,475.00	324.45
Jung, Otto E.	Veterinary inspector, at \$1,400	1,349.44	945.66
Kailer, Warren C.	do.	983.88	416.13
Keselring, Ferne	do.	291.67	195.90
Knowles, Virgil W.	do.	1,400.00	859.84
Lee, Walker M.	do.	1,131.67	645.12
Lemery, Albro A.	do.	1,400.00	419.93
Little, Elbert W.	do.	816.67	197.83
McCarthy, Thos. A.	Veterinary inspector, at \$1,400; horse hire, \$675	2,075.00	316.10
McCauley, Robt. A.	Veterinary inspector, at \$1,400	346.11	137.50
McClure, Ellis R.	do.	1,400.00	897.00
McCoy, Ellis E.	do.	1,400.00	998.65
McGinnis, Ralph W.	do.	1,400.00	793.08
McHenry, Walter	do.	1,400.00	23.58
McMullen, Robt. H.	do.	1,400.00	947.38
Mason, Wm. D.	do.	933.33	704.80
Moore, Hubert O.	do.	1,400.00	1,032.87
Murphy, Wilbur J.	do.	175.00	162.60
Naylor, R. E.	do.	1,341.67	417.65
Newman, Robt. R.	do.	583.33	215.75
Nørgaard, Victor A.	do.	1,166.66	780.45
Norman, Alfred T.	do.	1,400.00	-----
O'Banion, Archie L.	do.	1,400.00	1,076.70
Olbeter, R. M.	Veterinary inspector, at \$1,400; horse hire, \$675	2,075.00	299.71
Oldaker, E. E.	Veterinary inspector, at \$1,400	1,400.00	963.74
Paxton, Irving B.	do.	1,400.00	295.70
Payne, Charles F.	do.	287.77	220.25
Pearson, Albert A.	do.	548.33	215.85
Peck, Edwin J.	do.	1,400.00	1,320.63
Praffman, Geo. A.	do.	816.67	259.36
Pine, Henry E.	Veterinary inspector, at \$1,400; horse hire, \$675	2,075.00	644.95
Plummer, M. T.	Veterinary inspector, at \$1,400	120.55	127.40
Potter, Geo. M.	do.	58.33	234.15
Predmore, Geo. M.	do.	291.67	172.90
Priest, Benj. H.	do.	1,400.00	1,074.78
Pritchard, Wm. T.	do.	1,400.00	1,208.58
Purell, John T.	do.	1,400.00	972.14
Reid, Joseph C.	do.	1,400.00	176.05
Rhoades, Marion H.	Veterinary inspector, at \$1,400; horse hire, \$120	1,520.00	212.50
Richards, Wm. R.	Veterinary inspector, at \$1,400	1,131.67	571.29
Rigdon, Scott J.	Veterinary inspector, at \$1,400; horse hire, \$240	706.67	476.43
Robards, Jesse	Veterinary inspector, at \$1,400; horse hire, \$120	703.34	445.07
Rosenberger, A. C.	Veterinary inspector, at \$1,400	1,400.00	1,017.78
Rosenberger, M.	do.	466.66	670.45
Rozell, W. O.	do.	233.33	-----
Schultz, Henry M.	do.	1,400.00	722.48

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Scott, Carl J.	Veterinary inspector, at \$1,400.	\$816.66	\$540.80
Scott, Preston B.	do.	227.50	
Smith, Clyde E.	do.	1,400.00	666.72
Smith, Howard E.	do.	1,400.00	297.21
Smith, Septimus M.	do.	1,400.00	863.00
Smith, Walter A.	Veterinary inspector, at \$1,400; horse hire, \$214.17.	1,614.17	608.41
Sorrell, Warren	Veterinary inspector, at \$1,400; horse hire, \$225.	1,625.00	560.87
Spencer, Wm. T.	Veterinary inspector, at \$1,400.	1,400.00	766.87
Springer, Samuel E.	do.	1,131.67	923.06
Struthers, Charles E.	do.	1,400.00	824.11
Stults, C. L.	do.	1,400.00	409.25
Swaney, Frank C.	do.	1,147.22	192.33
Swanson, Charles A.	do.	525.00	1,027.51
Tallot, Seth P.	do.	956.67	894.62
Taylor, Albert M.	do.	583.33	199.70
Taylor, Paul P.	do.	1,400.00	792.80
Teeple, Geo. R.	do.	1,400.00	1,273.63
Vermillion, Rommie C.	do.	1,400.00	209.86
Walker, Clarence C.	do.	1,400.00	702.95
Warner, Dick E.	Veterinary inspector, at \$1,400; horse hire, \$706.	2,106.00	548.95
Warren, Robert E.	Veterinary inspector, at \$1,400.	602.77	603.40
Watters, Sidney A.	Veterinary inspector, at \$1,400; horse hire, \$675.	2,075.00	516.15
Wheeler, Lloyd A.	Veterinary inspector, at \$1,400.	1,131.67	773.90
Wilson, J. Oscar	do.	548.34	938.70
Yenner, Wm.	Veterinary inspector, at \$1,400; horse hire, \$292.50.	1,692.50	320.52
Zenor, Perry	Veterinary inspector, at \$1,400.	1,131.67	776.40
Zollinger, John H.	do.	641.66	594.40
Lyons, W. S.	Veterinary inspector, at \$3 per day.	12.00	
Spindler, E. S.	Field stock examiner, at \$1,200; horse hire, \$675.	1,875.00	541.30
Haskett, Bert.	Field stock examiner, at \$1,000.	1,000.00	513.30
O'Neil, Ernest R.	do.	1,000.00	
Rea, Thos. B.	do.	480.55	238.45
Speake, E. O.	do.	1,000.00	505.90
Armstrong, Harry E.	Stock examiner, at \$1,200.	1,200.00	1,401.19
Bibb, A. C.	do.	123.33	111.16
Blackman, C. E.	do.	1,200.00	51.35
Broadhurst, R. A.	do.	1,200.00	926.35
Brown, Chas. A.	do.	1,200.00	140.43
Freeman, Harry D.	do.	1,106.67	432.50
Hascall, Morris T.	Stock examiner, at \$1,200; horse hire, \$90.	1,290.00	287.75
Jackson, R. E. L.	Stock examiner, at \$1,200.	600.00	139.36
Lowry, Thos. J.	do.	1,200.00	1,003.70
Markert, George.	do.	1,200.00	
Merrill, Jay.	do.	1,200.00	867.68
Morgan, Porter.	do.	1,200.00	35.15
Proudfoot, Wm.	do.	1,200.00	1,195.30
Quirk, Michael J.	do.	400.00	787.17
Archer, Rollie J.	Stock examiner, at \$1,000.	1,000.00	818.35
Cannon, Earl C.	Stock examiner, at \$1,000, and veterinary inspector, at \$1,400.	1,116.66	305.33
Gill, Edgar.	Stock examiner, at \$1,000.	1,000.00	1.60
Glover, E. K.	do.	780.56	9.30
Persells, Herman V.	do.	1,000.00	
Robinson, Charles H.	do.	1,000.00	1,156.55
Shepherd, Robt. C.	Stock examiner, at \$1,000, and clerk, at \$1,000.	1,000.00	354.05
Burke, George C.	Stock examiner, at \$900.	107.50	56.75
Covington, P. C.	do.	900.00	837.30
Meade, Albert M.	do.	170.00	
Pickett, Theodore.	do.	900.00	
Snell, John W.	do.	812.30	
Spencer, Clyde G.	Stock examiner, at \$900, and veterinary inspector, at \$1,400.	1,045.83	236.28
Travers, Fred. P.	Stock examiner, at \$900.	900.00	8.95
Bray, Stephen.	Inspector's assistant, at \$1,000.	1,000.00	
Delaney, John V.	Inspector's assistant, at \$1,000; horse hire, \$420.	1,420.00	691.10
Waller, Harvey L.	Inspector's assistant, at \$1,000.	125.01	39.10
Beaumont, Edward V.	Inspector's assistant, at \$840.	840.00	
Curtis, Wilbert A.	Inspector's assistant, at \$840; horse hire, \$100.	289.00	17.30
Fladness, S. O.	Inspector's assistant, at \$840 and \$1,000.	174.00	102.70

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hume, Harry F.	Inspector's assistant, at \$840.	\$840.00	
Johnson, Mandius.	do.	196.00	
Marshall, Frank Lee.	do.	840.00	\$567.65
Morgan, Paul C.	do.	35.00	
Dean, Albert.	Live stock inspector, at \$2,000.	2,000.00	339.55
Moser, Geo. C.	Live stock inspector, at \$1,400.	1,400.00	966.00
Bruser, Joseph.	Live stock inspector, at \$1,200.	1,200.00	6.75
Stine, B. L.	do.	1,186.67	58.24
Allen, Thomas A.	Expert, at \$6 per diem.	63.00	54.30
Burch, S. Royden.	Special agent, at \$1,200.	1,200.00	215.43
Hamilton, Thos. B.	do.	1,200.00	1,205.29
Bentley, Charles A.	Agent, at \$1,000.	377.77	368.36
Campbell, Collin.	do.	258.33	152.65
Corbin, E. A.	do.	1,000.00	739.42
Dunn, Platt.	do.	166.66	213.22
Juddins, W. T.	do.	261.11	224.50
Logan, James A.	do.	377.77	709.00
Roach, Frank.	do.	808.33	806.00
Kay, John Boyd.	Agent, at \$900.	897.50	
Dade, John S.	Agent, scabies eradication, at \$1,200.	876.67	660.55
McCabe, B. D.	do.	1,200.00	384.40
Deadman, John F.	Agent in scabies eradication, at \$3 per diem.	135.00	
Allyea, W. C.	Agent in scabies eradication, at \$1,000.	1,000.00	272.30
Beck, Morris.	do.	41.67	107.75
Bidegaray, D.	do.	708.33	621.20
Blickhahn, George.	do.	194.44	263.94
Burkholder, C. E.	do.	250.00	206.60
Cady, A. W.	do.	277.77	266.11
Clay, Leslie G.	do.	166.66	142.95
Creech, Gilbert T.	do.	386.12	210.70
Cunningham, M. F.	do.	180.56	140.90
Davidson, Carl.	do.	966.66	394.90
Davis, W. L.	do.	236.11	183.50
Dolan, F. F.	do.	194.44	173.43
Durham, Leon.	do.	419.44	81.40
Ellett, Lucius G.	do.	886.12	633.05
Ellis, C. Roland.	Agent in scabies eradication, at \$1,000, and clerk, at \$1,000.	1,000.00	
Ellis, Walter J.	Agent in scabies eradication, at \$1,000.	500.00	152.53
Ewers, Smithe V.	do.	1,000.00	280.85
Farr, Ernest.	do.	208.33	237.60
Gilbert, Louis C.	do.	791.67	815.31
Ginn, John H.	do.	750.00	686.39
Hammack, L. C.	do.	500.00	165.05
Harper, Benj. F.	Agent in scabies eradication, at \$1,000; horse hire, \$250.	666.66	78.28
Henderson, W. H.	Agent in scabies eradication, at \$1,000.	1,000.00	767.13
Hickox, Claude.	do.	797.22	621.65
Ivers, Robert.	do.	969.45	
Jones, C. I.	do.	447.23	271.05
Jones, C. M.	do.	458.34	107.92
Jones, John S.	do.	1,000.00	510.01
Lackey, Sidney.	Agent in scabies eradication, at \$1,000; horse hire, \$291.67.	1,263.89	182.81
Lawson, James M.	Agent in scabies eradication, at \$1,000.	369.44	396.80
Leaming, Chas.	do.	480.56	67.10
McDonald, H. L.	do.	1,000.00	1,284.63
McFall, Jonathan.	Agent in scabies eradication, at \$1,000; horse hire, \$375.	1,000.00	161.44
Mather, C. A.	Agent in scabies eradication, at \$1,000.	1,000.00	339.90
Moreno, Reuben J.	do.	1,000.00	378.46
Morrison, Orr O.	do.	1,000.00	664.93
Neal, John T.	do.	566.66	876.58
Nelson, Sven E.	do.	166.66	191.00
Pelsue, Owen E.	do.	197.22	94.60
Perdew, Olin.	do.	652.77	826.47
Perry, James.	do.	958.34	587.09
Rahn, Ross.	do.	277.77	208.80
Rawling, Wm. J.	do.	375.00	447.95



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ring, Nathaniel S.	Assistant in scabies eradication, at \$1,000.	\$291.67	\$237.65
Roney, B. C.	do.	527.77	282.80
Sawhill, W. H.	do.	47.22	39.00
Schroebel, R. R.	do.	575.00	463.11
Smith, Cyrus R.	Agent in scabies eradication, at \$1,000; horse hire, \$420.	1,420.00	258.80
Stearns, George J.	Agent in scabies eradication, at \$1,000.	58.34	53.20
Stout, Chas. R.	do.	958.34	926.50
Talbott, Ralston M.	Agent in scabies eradication, at \$1,000; horse hire, \$100.	266.66	40.41
Thompson, Lewis J.	Agent in scabies eradication, at \$1,000.	336.12	320.50
Tinkham, M. Rex.	do.	5.56	
Tornquist, Alfred.	do.	363.89	326.80
Waugh, Erick N.	do.	469.45	309.50
Wilkes, R. W. A.	do.	838.89	432.62
Willits, E. V.	do.	877.77	569.30
Worswick, R. C.	do.	908.33	574.75
Cain, Alonzo C.	Agent in scabies eradication, at \$960; horse hire, \$330.	1,210.00	151.60
Dean, Edward M.	Agent in scabies eradication, at \$960; horse hire, \$600.	1,560.00	
Donaldson, George T.	Agent in scabies eradication, at \$960; horse hire, \$241.67.	628.34	
McGillwray, John E.	Agent in scabies eradication, at \$960; horse hire, \$583.33.	1,516.66	
Rice, E. J.	Agent in scabies eradication, at \$960; horse hire, \$100.	260.00	
Boardman, M. E.	Agent in scabies eradication, at \$900.	225.00	295.47
Hays, Granville A.	Agent in scabies eradication, at \$900; horse hire, \$475.	1,187.50	
Weaver, George P.	Agent in scabies eradication, at \$900; horse hire, \$175.	467.50	38.70
Butterfield, A. J.	Agent in scabies eradication, at \$840.	121.33	86.34
Collins, G. C.	do.	830.67	644.65
Dinsmore, John B.	do.	231.00	226.15
Lamborn, George E.	do.	385.00	365.69
Maxwell, Frank.	do.	770.00	338.41
Anderson, A. F.	Agent in scabies eradication, at \$720.	132.00	131.25
Bateman, Robert A.	do.	26.00	61.55
Batson, W. J.	Agent in scabies eradication, at \$720 and \$1,000.	155.56	184.32
Block, Herman J.	Agent in scabies eradication, at \$720.	330.00	460.80
Brown, Lloyd J.	Agent in scabies eradication, at \$720 and \$1,000.	113.56	60.45
Campbell, Orville D.	Agent in scabies eradication, at \$720.	276.67	364.84
Collins, David.	do.	172.00	209.45
Copestake, Fred A.	do.	330.00	544.10
Derr, W. R.	do.	180.00	199.10
Dew, Geo.	Agent in scabies eradication, at \$720 and \$1,000.	615.56	655.71
Eggum, Joseph.	Agent in scabies eradication, at \$720.	638.00	443.65
Ergenbright, Floyd O.	do.	168.00	196.50
Guy, Lemuel P.	do.	312.00	424.42
Hall, Fred.	do.	180.00	377.25
Halloren, Francis A.	do.	158.00	114.05
Harner, James W.	do.	420.00	338.20
Haubrick, Leonard R.	do.	6.00	
Haynes, Lawrence G.	do.	90.00	87.65
Howard, C. F.	do.	242.00	387.53
Howard, Marshall C.	do.	98.00	115.05
Howley, Wm. B.	do.	6.00	
Hutsell, Tice.	Agent in scabies eradication, at \$720 and \$1,000.	651.67	828.44
Kelpe, Henry O.	Agent in scabies eradication, at \$720, and veterinary inspector, at \$1,400.	888.33	491.86
Killinger, C. C.	Agent in scabies eradication, at \$720.	644.00	422.75
McAlpine, Walter H.	Agent in scabies eradication, at \$720 and \$1,000.	621.67	833.55
McCann, Harrison E.	Agent in scabies eradication, at \$720.	6.00	
McKean, Theodore.	do.	160.00	114.15
Miller, C. Le Roy.	do.	134.00	68.49
Moorman, Claude.	do.	630.00	599.92
Nelson, Eli N.	Agent in scabies eradication, at \$720 and \$1,000.	278.33	222.25
Parker, T. B.	Agent in scabies eradication, at \$720.	172.00	238.05



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Paul, Harry D.	Agent in scabies eradication, at \$720	\$84.00	\$132.35
Sevy, R. W.	Agent in scabies eradication, at \$720 and \$1,000	558.00	479.23
Snow, Ralph E.	Agent in scabies eradication, at \$720	140.00	215.28
Stilwell, J. F.	do	46.00	74.95
Tipton, H. R.	do	336.00	311.15
Tuttle, Albert M.	Agent in scabies eradication, at \$720 and \$1,000	368.00	536.58
Underwood, Reuben C.	Agent in scabies eradication, at \$720	120.00	167.95
Wedemeyer, E. V.	do	120.00	153.67
Whipple, Glenn E.	Agent in scabies eradication, at \$720 and \$1,000	119.56	127.55
Whitney, Allen Homer	do	125.56	60.50
Wright, A. H.	Agent in scabies eradication, at \$720	102.00	36.75
Zimmerman, J. H.	Agent in scabies eradication, at \$720 and \$1,000	591.67	817.73
Daly, Henry J.	Clerk, at \$1,400	252.78	
Redmond, Thos.	Clerk, at \$1,200, and stock examiner, at \$1,200	1,200.00	464.70
Herbert, C. M.	Clerk, at \$1,000	1,000.00	
Newman, Ben. E.	do	166.67	5.10
VanDorn, Calvin W.	do	63.89	54.05
Cooper, Wm. L.	Clerk, at \$840	702.34	3.10
Sherwood, Everett C.	Clerk, stenographer, and typewriter, at \$1,000	699.99	
Lampert, N. H.	Clerk, stenographer, and typewriter, at \$900	55.00	
Matthews, Charles S.	Clerk and typewriter, at \$900	900.00	
Howell, Charles W.	Clerk and typewriter, at \$840 and \$1,000	866.67	118.75
Waters, Frank K.	Gasoline engineer, at \$4 per diem	88.00	
Gilmore, Elias.	Skilled laborer, at \$900	337.50	1.52
Kirk, Andrew W.	Laborer, at \$2 per diem	62.00	
Meretoro, Angelo.	Laborer, at \$1.75 per diem	5.25	
Rosario, Cerani.	do	5.25	
Vazen, Sam.	do	5.25	
Fots, Joe.	do	5.25	
Tuthill, H.	Laborer, at \$50 per month	226.67	
Luth, Henry	Unskilled laborer, at \$1.75 per diem, \$2 per diem, and \$50 per month	496.08	
Novallo, D.	Unskilled laborer, at \$1.75 per diem	68.25	
Total		386,989.71	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ballantyne, R. Carter	\$1.88	Barber & Ross	\$19.85
Lamb & Tilden	172.43	Bayne, Thomas	234.00
Library Bureau	18.00	Beggs & Co., James	36.78
Schmidt, Fred A.	.95	Blount, Henry F.	20.00
Yawman & Erbe Manufacturing Co.	1.20	Borneman, A. C.	18.25
Total	194.46	Bowne, Fredk. T. W.	24.00
<i>Miscellaneous supplies, etc.</i>		Brady, Mrs. A. R.	20.00
Aberdeen Weekly News	2.25	Breerwood, Wm.	17.50
Academy of Holy Cross	37.00	Brennan, Edward, estate of	250.00
American Linen Supply Co.	12.00	Brewer, Nixon, estate of	9.50
American Railway Supply Co.	331.60	Briggs, Southwick C.	35.00
Anderson Lumber Co.	67.41	Buckley, Ida	187.00
Armstrong, C. H.	11.00	Buffalo Voice	8.50
Arnold, August	32.00	Burrows, S. R.	11.00
Ash, H. M.	8.28	Casper (Natrona Co.) Tribune	6.88
Ashland Daily Commercial	1.85	Chapman, Arthur N.	9.00
Ashville Citizen	2.60	Chapman, W. T.	15.00
Atlanta Constitution	6.30	Chattanooga Times	7.60
Austin Daily Tribune	1.92	Cheyenne Tribune	3.68
Auth, Santos	14.50	Cissel, S. Sewell	15.50
		Clayton, Mrs. Josie	17.50
		Columbian Institution of the Deaf and Dumb	69.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Columbia State	\$8.30	Mason's Laundry	\$12.00
Contingent expenses, Department of Agriculture	37.25	May Hardware Co., F. P.	5.25
Copeland Co., M. G.	4.75	Mayhew, A. J.	59.50
Corey, R. B.	11.35	Melaney, Mrs. Allen	6.20
Cornwall, Mrs. H. G.	26.00	Memphis Daily Commercial Appeal	3.48
Crawford, Alex.	11.95	Meredith, O. R.	20.47
Curtis, F. S.	38.00	Meyer, F.	18.00
Dallas Morning News	24.90	Mills & Co., H. W.	19.85
Denver Republican Publishing Co.	4.40	Morrow, James	32.00
Dickinson Press	1.79	Morse, S. A.	10.00
Doherty Mercantile Co.	18.00	Moyer, H. A.	117.00
Doniphan Prospect News	6.50	Munguia, Julian	2.00
Dorr, George	10.00	Murphy, J. D.	24.00
Dorr, John V.	208.00	Musgrove, C. C.	283.00
Douglas Enterprise	4.40	Musgrove, Hiram	25.00
Dunn, T. F.	15.00	Muth & Co., Geo. F.	1.63
Duvall & Son, Samuel	9.50	Muzzy Bros.	6.60
Edison Manufacturing Co.	8.40	Myers & Co. (Inc.), Geo. A.	23.07
Edmonds, Webster	11.00	Nashville Banner	1.89
El Paso Daily Herald	5.90	National Conduit & Cable Co.	324.87
Endres, F.	250.00	Newbern Sun	4.81
Espey, John B.	12.20	New England Iron Works Co.	6.55
Fitzpatrick, F. W.	12.50	New Orleans Picayune	10.20
France, J. E.	3.40	Norwood & Berdan	26.33
Franciscan Monastery	4.00	O'Keefe, John	18.00
Frankfort News	6.00	Oklahoma Oklahoman	8.46
Frazier, S. M.	15.00	Old Folks' Home	26.00
Gainesville Herald	4.90	Omaha Bee	4.20
General Electric Co.	43.75	Orrison, John L.	160.00
Georgetown University	15.23	Paducah Evening Sun	5.70
Great Falls Evening Leader Co.	4.60	Phoenix Arizona Republican	3.30
Green, Cecelia R.	15.50	Polk & Co., R. L.	6.00
Greenstreet, F. B.	13.00	Portland Oregonian Publishing Co.	4.20
Gude, A.	11.00	Post, A. H.	8.40
Harrison, George S.	10.00	Post, John	189.05
Hartwell, Fred C.	321.05	Post Office Department	1.60
Harwood, Herbert J.	208.33	Public Service Gas Co.	24.00
Harwood, Richard G.	41.67	Quannah Observer	3.20
Heitmuller, Chas.	2.00	Raleigh Evening Times	10.20
Hettinger (Adams Co.) Record	.80	Raleigh News and Observer	2.70
Hiser, John E.	15.00	Reilly, G. F.	115.00
Hopper, Nohlan	770.00	Reilly, John	48.00
Horrigan, John	58.39	Reilly, Thomas	15.00
Houser, Howard	104.00	Remington Typewriter Co.	1.70
Howard, Geo. E.	41.00	Reno Evening Gazette	6.60
Hoyle, Mrs. A. J.	148.00	Richmond News-Leader	5.04
Hubinger, Chas.	132.71	Richter, J.	25.00
Jackson Clarion Ledger	8.10	Robinson, Agnes C.	13.50
Jackson Sun	4.15	Robinson, Theodosia	21.00
Jacksonville Metropolis	6.88	Rohr, Mrs. Eva	10.00
Johnson, David	20.00	Roswell Register-Tribune	3.33
Jolliffe, Mrs. S. M.	20.00	Ruddington, Arthur	15.00
Jones, William	8.00	Salt Lake Tribune	3.52
Kane & Trainor Ice Co.	13.70	Saunders, J. M.	17.50
Kirby, Phoebe	13.00	Schwartz, Ben.	16.00
Kirkner, August	24.27	Seidenberg, Wm. F.	83.00
Knight, H. S.	30.00	Shea, M.	35.00
Lambie Co. (Inc.), James B.	7.08	Sheely-Hensel Coal & Lumber Co.	4.38
Lander Wyoming State Journal	4.24	Sheridan Post	7.04
Laredo Times	6.40	Shreveport Journal Publishing Co.	12.35
Lee, A. M.	11.00	Simms, Chas.	8.00
Little, Geo. O.	25.00	Simpson, Geo. T.	13.00
Little Rock (Ark.) Gazette	9.60	Sisters of Visitation of Georgetown	25.00
Los Angeles Times-Mirror	2.80	Smith Drug Co., C. C.	27.50
Louisville Herald	6.87	Smith, Chas. E.	22.00
McGuire, James	5.00	Smithson, J. A.	27.00
McInturff, B. A.	19.00	Somerville, Thos. & Co.	18.42
Magruder, F.	39.80	Spartanburg Herald	5.29
Mahoney, L. A.	195.00	Spokane Spokesman-Review	2.90
Malone, Wm. L.	110.50	Springfield Republican	8.10
Manhattan Electrical Supply Co.	20.42	Stadtler, Jacob G.	13.00
Markham, Edward	292.00	Standard Engineering Co.	1,270.00
Martin, Geo. A.	20.00	Standard Oil Co.	35.60
		Stewart, Hower	60.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent.</i>	
Stewart, John O.....	\$12.00	Baker, Isaac P.....	\$300.00
Suffolk Herald.....	4.30	Eaton, John H.....	180.00
Sundance Crook Co.....	4.08	Emerson, Geo. E.....	42.00
Sweeny, Harry B.....	14.00	Fifteenth St. Investment Co.....	360.00
Tallahassee True Democrat.....	3.60	Gardner & Co., D. M.....	15.00
Tenly, Mrs. Annie.....	24.00	Kansas City Stock Yards Co. of Mis-	
Thompson, M.....	17.00	souri.....	192.00
Topeka Capital.....	2.15	Libby, Kate A.....	21.37
Tulsa World.....	5.40	Rees & Co., Robert.....	20.71
Turner, J. P.....	6.00	Sacramento Elks Hall Association.....	240.00
Union Building & Construction Co.....	9.00	Smith & Crawford.....	312.00
Van Houten & Son.....	57.80	Terrell, Henry.....	75.00
Visalia Times.....	1.65	Wallace, Henry J., attorney.....	270.00
Voigt, Henry.....	29.00	Wilson, D. E.....	336.00
Wahler & Sons, Joseph.....	305.00	Total.....	2,364.08
Waidman, Mrs. S.....	13.50	<i>Apparatus, instruments, and laboratory</i>	
Walden, Chas. E.....	33.50	<i>material.</i>	
Wall Paint Co.....	2.50	Bausch & Lomb Optical Co.....	15.00
Walshe, P. J.....	16.00	Gilman, Z. D.....	2,202.81
Washington, A. C.....	5.00	Linz & Lossau.....	81.00
Washington Rubber Co.....	4.50	Mason, W. D.....	1.40
Welker, Scott E.....	14.00	Thomas & Co., A. H.....	27.00
Welker, W. E.....	22.00	Total.....	2,327.21
Wells, Geo. T.....	15.00	<i>Travel and station and field expenses.</i>	
Western Electric Co.....	41.50	Abbott, Albert P.....	183.10
White, Wm.....	68.00	Adair, Harry B.....	305.48
Wilcox & Harvey Manufacturing Co.....	44.00	Adams, Ethan.....	4.52
Total.....	8,993.16	Alexander, E. V.....	196.50
<i>Furniture.</i>		Allen, F. T.....	784.08
Hoeckel Blank Book & Lithograph		Allen, L. J.....	105.06
Co., C. F.....	70.65	Allen, Rollin M.....	1,155.57
Yawman & Erbe Manufacturing Co.....	33.68	Allen, Thomas A.....	54.30
Total.....	104.33	Alyea, W. C.....	272.30
<i>Fuel.</i>		Anders, Thomas O.....	513.45
Thacher & Ireland.....	12.75	Anderson, A. F.....	131.25
<i>Freight.</i>		Anderson, M. O.....	2.20
Delaware, Lackawanna & Western.....	10.49	Aicher, Edward A.....	6.17
Kehoe Livery & Trucking Co.....	10.00	Archer, R. J.....	818.35
Knox Express Co., Geo W.....	1.69	Armstrong, Harry E.....	1,401.19
Oregon Short Line.....	3.65	Atherton, I. K.....	20.12
Pennsylvania R. R.....	.84	Augusterfer, R.....	87.95
Union Pacific R. R. Co.....	1.97	Babson, S. C.....	627.75
Washington County Ry. Co.....	.82	Baker, L. R.....	54.55
Total.....	29.46	Barnes, S. C.....	4.72
<i>Telephone.</i>		Barnhart, C. W.....	215.55
Central New York Telephone and		Barnhart, E. P.....	1,457.85
Telegraph Co.....	18.00	Barr, I. E.....	171.81
Chesapeake and Potomac Telephone Co.....	6.00	Barth, W. C.....	816.60
Colorado Telephone Co.....	63.84	Batchelder, Howard M.....	523.67
Kansas City Home Telephone Co.....	60.00	Bateman, Robert A.....	61.55
New York Telephone Co.....	145.90	Batson, W. J.....	184.32
Pacific Telegraph and Telephone Co.....	234.55	Beck, Morris.....	107.75
Panhandle Telephone and Telegraph		Beck, Walter H.....	484.72
Co.....	36.00	Begeman, Philip F.....	593.97
Passumpsic Telephone Co.....	33.00	Behler, Clayton R.....	530.65
Rocky Mountain Bell Telephone Co.....	111.00	Benner, W. G.....	221.55
Southwestern Telephone and Tele-		Bennett, S. E.....	38.60
graph Co.....	45.00	Bentley, Chas A.....	368.36
Tri-State Telephone and Telegraph Co.....	15.00	Bertram, E. L.....	20.35
Vermont Peoples' Telephone Co.....	12.00	Bibb, Adelbert G.....	111.16
Total.....	780.29	Bidegaray, D.....	621.20
		Biggs, Anson W.....	201.98
		Bird, W. N. D.....	7.19
		Blackmar, C. E.....	51.35
		Blickhohn, George.....	263.94
		Block, H. J.....	460.80
		Blume, Rufus B.....	6.05
		Boardman, M. E.....	295.47



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Bond, Geo. A.	\$74.51	Davis, W. L.	\$183.50
Bontrager, C. F.	657.70	Davidson, E. T.	176.84
Bowker, Genn J.	545.25	Day, L. Enos.	6.25
Brady, P. J.	388.40	Day, W. E.	87.85
Bray, Thos. A.	145.75	Dean, Albert.	339.55
Breckerbaumer, H. E.	150.85	De Laney, John V.	691.10
Brimhall, S. D.	1,198.24	Deming, Chas. W.	5.55
Broadhurst, R. A.	926.35	Denman, Wm. A.	72.27
Brown, Chas. A.	140.43	Derr, W. R.	199.10
Brown, Lloyd J.	60.45	Dew, Geo. F.	655.71
Bruser, Joseph.	6.75	Dickey, Elvon S.	353.45
Bryant, Scott S.	7.14	Dill, B. G.	680.80
Buckley, J. S.	681.95	Dill, Robert.	838.80
Buffington, R. M.	27.65	Dinsmore, J. B.	173.43
Burch, S. Royden.	215.43	Dolan, F. F.	226.15
Burgett, John L.	247.28	Drake, Francis B.	8.45
Burke, George C.	56.75	Drake, Roy N.	292.10
Burke, Henry.	91.25	Dumbauld, Harry.	532.51
Burkholder, C. E.	206.60	Dunaway, Whig F.	494.45
Burley, A. J.	11.01	Duncan, C. W.	6.50
Burneson, J. C.	627.87	Dunn, Chas. W.	975.90
Burson, W. M.	126.65	Dunn, Piatt.	213.22
Burt, James H.	11.67	Durfee, Clarence O.	159.40
Bushong, Joseph P.	71.65	Durham, E. P.	320.15
Busman, H.	28.05	Durham, Leon.	81.40
Butin, Geo. E.	141.05	Eagle, R. F.	39.50
Butler, W. J.	708.65	Eagle, Thos. J.	576.28
Butterfield, A. J.	86.34	Eastman, Charles.	176.90
Cady, A. W.	266.11	Eggum, Joseph.	443.65
Cady, B. J.	2.37	Eichhorn, Adolph.	64.58
Cain, Alonzo C.	151.60	Ellett, Lucius G.	633.05
Caldwell, Harry.	111.42	Ellis, James E.	961.57
Campbell, Colin.	152.65	Ellis, Walter J.	152.53
Campbell, O. D.	364.84	Elwell, F. N.	562.20
Canfield, Chas. H.	144.34	Ergenbright, Floyd O.	196.50
Cannon, Earl C.	305.33	Ettling, Christian C.	257.80
Carnachan, Thos. W.	45.40	Evans, A. E.	332.80
Carter, Clifton.	256.15	Ewers, Smith V.	280.85
Cary, E. J.	1,425.71	Fairbank, Harry H.	231.70
Casper, Geo. T.	541.70	Famous, Geo. W.	27.00
Carter, Fred C.	55.00	Farr, Ernest.	237.60
Chase, J. M.	2.17	Faville, Geo. C.	3.00
Clancy, J. B.	43.45	Fess, Frank J.	11.21
Clawson, Clarence A.	319.86	Fladness, Sever O.	102.70
Clay, Leslie G.	142.95	Fleming, Wm. R.	139.80
Coffy, Joseph P.	146.95	Foster, F. L.	2.97
Cohenour, H. H.	610.91	Foster, J. P.	503.89
Cole, Guy T.	82.57	Fravel, F. R.	58.45
Collins, David.	209.45	Freeman, Carl E.	299.60
Collins, G. C.	644.65	Freeman, Harry D.	432.50
Cooper, Wm. L.	3.10	Fry, Chas. P.	48.55
Copestake, Fred A.	544.10	Fry, Wm. A.	78.80
Corbett, Chas. M.	323.70	Gallagher, F. L.	1,077.75
Corbin, E. A.	739.42	Gallagher, J. J.	1,138.75
Corlis, A.	31.16	Gardner, John H., jr.	198.13
Cory, Robert M.	30.10	Gates, Otis H.	40.00
Cosford, S. C.	232.00	Geddes, Toole A.	581.21
Courtwright, W. W.	277.20	Gibson, J. E.	314.10
Covington, P. C.	837.30	Gilbert, Louis C.	815.31
Cowie, Charles.	189.41	Gill, Edgar.	1.60
Cramer, Chas. F.	16.05	Gilmore, Elias.	1.52
Crandall, W. W.	1.40	Giltner, L. T.	5.24
Creech, Gilbert T.	210.70	Ginn, J. H.	686.39
Cullen, David.	256.92	Glaisyer, E. L.	1,219.72
Cumming, D.	60.65	Glaisyer, Wallace V.	632.50
Cunningham, Michael F.	140.90	Glover, Edward K.	9.30
Curtis, Wilbert A.	17.30	Glynn, F. J.	694.17
Dade, J. S.	660.55	Glynn, Lawrence L.	1,169.24
Daly, Henry J.	66.35	Gordon, W. M.	3.80
Daughtrey, Geo. H.	814.65	Gove, Arthur W.	49.23
Davidson, Carl.	394.90	Grace, Wm. A.	520.24
Davidson, Wm. A.	62.40	Grafke, Harry.	133.60
Davis, Benj. F.	959.20	Graham, Ralph.	9.05



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued</i>		<i>Travel and station and field expenses—Continued.</i>	
Grant, Geo. K.....	\$16.31	Jung, Otto E.....	\$945.66
Gran, J. A.....	992.79	Kaller, Warren C.....	403.53
Graybill, H. W.....	168.49	Kelly, James S.....	17.50
Grayson, Oscar H.....	3.63	Kelpe, Henry O.....	491.86
Grimes, Robt. B.....	677.28	Kennedy, E. D.....	67.35
Gross, Wm. F.....	679.20	Kershner, Peter I.....	844.26
Guy, Lemuel P.....	424.42	Kesehring, Ferné.....	195.90
Hackett, C. N.....	144.30	Ketchum, F. D.....	72.91
Hall, Fred.....	377.25	Kiernan, J. A.....	10.95
Halloren, Francis A.....	114.05	Killinger, C. C.....	422.75
Hamilton, T. B.....	1,205.29	Knowles, Virgil W.....	859.84
Hamilton, Wm.....	288.86	Lackey, Sidney.....	182.81
Hammack, L. C.....	165.05	Lamborn, Geo. E.....	365.69
Hammond, H. J.....	609.15	Lavery, W. F.....	10.64
Hanawalt, D. C.....	684.83	Lawson, James M.....	396.80
Hanson, Walter L.....	192.30	Lawton, R. G.....	1,075.10
Hanton, Geo. T.....	220.49	Leaming, Chas.....	67.10
Harmon, Arthur A.....	959.98	Lee, Walker M.....	645.12
Harner, James W.....	338.20	Lemery, Albro A.....	419.93
Harper, Benj. F.....	78.28	Lincoln, Willis B.....	24.00
Hart, Harry M.....	187.45	Lipp, Geo. A.....	418.33
Hart, Wm. A.....	8.70	Little, Elbert W.....	197.83
Hascall, M. T.....	287.75	Logan, A. H.....	.37
Haskett, Bert.....	513.30	Logan, Jas. A.....	709.00
Haynes, Lawrence G.....	87.65	Lowe, J. H.....	576.10
Heacock, Clyde C.....	317.44	Lowry, Thos. J.....	1,003.70
Henderson, L. C.....	8.95	McAlpine, W. H.....	833.55
Henderson, W. H.....	767.13	McBirney, John.....	20.60
Hess, O. B.....	240.91	McCabe, B. D.....	384.40
Hickox, Claude.....	621.65	McCarthy, T. A.....	316.10
Blicks, H. H.....	765.60	McCauley, R. A.....	137.50
Holm, Robt. E.....	6.95	McClure, Ellis R.....	897.00
Hood, Harvey B.....	865.98	McClure, S. W.....	597.72
Hostetler, A.....	24.33	McConnell, Arthur.....	1.42
Hougendobler, John J.....	494.78	McCoy, Ellis E.....	998.65
Howard, C. F.....	387.53	McDonald, H. L.....	1,284.63
Howard, De Laines.....	2.10	McFall, Jonathan.....	161.44
Howard, Marshall C.....	115.05	McGinnis, R. W.....	793.08
Howe, W. E.....	1,237.50	McHenry, Walter.....	23.58
Howell, C. W.....	118.75	McKean, Theodore.....	114.15
Huff, Logan B.....	20.58	McKeown, T. H.....	422.21
Huff, T. Barnett.....	87.80	McMullen, R. H.....	947.38
Huffman, W. T.....	1,093.09	McNally, Henry R.....	350.10
Hughes, A. N.....	2.64	Mansfield, C. M.....	11.65
Hughes, Mearl W.....	6.57	Marshall, Frank L.....	567.65
Hulbush, Chas. A.....	925.42	Mason, W. D.....	704.80
Humphrey, Marshall E.....	14.26	Mather, C. A.....	339.90
Hunt, Frederick W.....	31.25	Mauldin, C. E.....	127.15
Hunter, Wm. R.....	4.12	Maxwell, Frank.....	338.41
Hurst, Dan W.....	168.70	Mayne, H. D.....	388.65
Hurst, W. H.....	588.85	Mead, Rolla N.....	248.73
Hutchinson, E. N.....	466.85	Merrill, Jay.....	867.68
Hutchinson, John.....	450.25	Meyst, F. W.....	2.15
Hutsell, Tice.....	828.44	Miller, A. W.....	188.86
Hyatt, B. A.....	2.87	Miller, Chas. Le Roy.....	68.49
Innes, Marion.....	539.08	Montague, J. W.....	.50
Jackson, R. E. L.....	139.36	Moore, H. O.....	1,032.87
James, I. L.....	234.28	Moorman, Claude.....	599.92
Jenison, Jos. S.....	2.72	Moreno, Ruben J.....	378.46
Johnson, Fred E.....	748.02	Morgan, Porter.....	35.15
Johnson, G. A.....	423.60	Morgan, Paul G.....	33.65
Johnson, Levi E.....	1,127.32	Morin, C. L.....	239.49
Johnson, Raymond.....	135.44	Morrison, Orr O.....	664.93
Johnson, Western L.....	1,139.45	Moser, Geo. C.....	966.00
Johnston, Frank.....	19.65	Mullings, R. M.....	98.16
Jones, Chas. I.....	271.05	Mullowney, P. H.....	8.57
Jones, G. M.....	107.92	Murphy, B. W.....	168.17
Jones, John S.....	510.01	Murphy, W. J.....	162.60
Jones, Louis L.....	114.41	Murray, F. E.....	1,045.75
Jones, Robt. W.....	324.45	Myers, M. J.....	150.70
Jones, Thos. H.....	3.80	Naylor, Ralph E.....	417.65
Jones, Wm. F.....	351.00	Neal, J. T.....	876.58
Judkins, W. T.....	224.30	Nelson, Eli N.....	222.25

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Nelson, Swen E.	\$191.00	Schroebe, R. R.	\$463.11
Newman, Ben E.	5.10	Schultz, H. M.	722.48
Newman, Robt. R.	215.75	Schumacher, Wilhelm.	608.01
Niven, A. B.	2.75	Scott, Carl J.	540.80
Norman, Alfred T.	780.45	Scott, P. B.	135.76
Noyes, Orrin W.	750.58	Sevy, R. W.	479.25
Nutting, L. A.	19.20	Shepherd, R. C.	354.05
O'Banion, A. L.	1,076.70	Shipley, T. A.	17.20
O'Brien, Terence.	1.30	Shumway, Daniel G.	1.59
Olbeter, R. M.	299.71	Siegmund, W. C.	19.04
Oldbaker, E. E.	963.74	Siggins, E. L.	716.45
O'Leary, John P.	83.14	Simpson, John M.	624.24
Otis, Geo. M.	5.24	Skinner, Wm. A.	231.20
Palmer, C. F.	13.90	Smith, Clyde E.	666.72
Parker, T. B.	238.05	Smith, Cyrus R.	258.80
Parks, G. H.	18.50	Smith, Howard E.	297.21
Paul, Harry D.	132.35	Smith, Nathaniel B.	192.19
Paxton, I. B.	295.70	Smith, S. M.	863.00
Payne, Albert J.	599.95	Smith, Walter A.	608.41
Payne, Chas. F.	220.25	Snow, Ralph E.	215.28
Pearson, A. A.	190.55	Snyder, Rudolph.	715.85
Pearson, Chas.	145.40	Somerville, S., Jr.	61.42
Peck, Edwin J.	1,320.63	Sorrell, Warren.	560.87
Pelsue, Owen E.	94.60	Speake, Edward O.	505.90
Perdew, Olin.	826.47	Spencer, Clyde G.	236.28
Perkins, Chester R.	13.12	Spencer, Wm. T.	766.87
Perry, F. M.	175.50	Spindler, Edwin S.	541.30
Perry, James.	587.09	Springer, Samuel E.	923.06
Peters, Geo. C.	14.97	Staub, Alvin F.	5.44
Pfaffman, G. A.	193.45	Stearns, Geo. J.	53.20
Pine, Henry E.	644.95	Stewart, W. J.	14.00
Pinkerton, H. E.	392.02	Stilwell, J. F.	74.95
Plummer, Mitchell T.	86.65	Stine, B. L.	58.24
Potter, Geo. M.	15.45	Stout, Chas. R.	926.50
Potter, H. T.	776.44	Stout, Edgar N.	591.85
Predmore, Geo. M.	172.90	Stuart, James T.	7.04
Price, Levi J.	16.15	Struthers, C. E.	824.11
Priest, B. H.	1,074.78	Stults, C. L.	409.25
Pritchard, Wm. T.	1,208.58	Sutton, C. G.	4.73
Proudfoot, Wm.	1,195.30	Swaney, F. C.	192.33
Purcell, John T.	972.14	Swanson, C. A.	416.93
Quirk, Michael.	730.67	Swedberg, A. W.	95.35
Raban, Robt. M.	3.19	Talbot, Seth P.	852.72
Rahn, Ross.	208.80	Talbot, R. M.	40.41
Ramsay, R. A.	878.45	Taylor, A. M.	143.85
Rapp, C. A.	363.83	Taylor, Paul P.	792.80
Rawling, Wm. J.	447.95	Teepie, Geo. R.	1,273.63
Rea, Thos. B.	238.45	Thackaberry, J. J.	149.30
Redmond, Thomas.	464.70	Thompson, Lewis J.	320.50
Reid, Jos. C.	176.95	Thompson, Wm.	244.66
Reidy, J. B.	20.94	Tipton, Harrie R.	311.15
Rhodes, Marion H.	212.50	Tornquist, Alfred.	326.80
Richards, Wm. R.	571.29	Travers, Frederick P.	8.95
Richmond, Xavia I.	453.32	Treacy, R. H.	1,895.82
Rietz, J. H.	836.98	Tuttle, A. M.	536.58
Rigdon, Frank.	172.70	Underwood, Reuben C.	167.95
Rigdon, Scott J.	166.28	Van Loven, A. R.	18.42
Ring, N. S.	237.65	Vermillion, Rommie C.	209.86
Roach, Frank.	806.00	Vermilya, Ralph F.	11.36
Robards, Jesse.	195.15	Von Dorn, Calvin W.	54.05
Robinson, Chas. H.	1,156.55	Wade, Wm. H.	67.75
Robinson, Louis A.	2.96	Walker, C. C.	702.95
Rodibaugh, S. I.	477.20	Wallace, A. H.	24.90
Roney, Byrle C.	282.80	Waller, Harvey L.	39.10
Rosenberger, A. C.	1,017.78	Ward, G. W.	71.04
Rosenberger, Maynard.	216.35	Warner, Dick E.	548.95
Ryder, J. F.	53.80	Warner, Geo. D.	23.95
Sarsfield, John W.	71.25	Warren, Robt. E.	541.55
Savage, W. A.	779.18	Watters, Sidney A.	516.15
Sawhill, W. H.	39.00	Waugh, Erick N.	309.50
Schaffter, E. P.	826.35	Weaver, Geo. P.	38.70
Schneider, F. L.	847.10	Wedemeyer, Ernest V.	153.67

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (inspection and quarantine), \$625,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Wende, Bernhard P.....	\$2.19	Wootton, Wm. C.....	\$9.01
Wheeler, Lloyd A.....	773.90	Worswick, R. C.....	574.75
Whipple, Glenn E.....	127.55	Wright, A. H.....	36.75
Whitney, Allen Homer.....	60.50	Yenner, Wilham.....	320.52
Wight, A. E.....	20.30	Young, John M.....	749.75
Wiley, M. C.....	447.56	Zenor, Perry.....	776.40
Wilkes, R. W. A.....	432.62	Zimmerman, J. H.....	817.73
Willits, Earl V.....	569.30	Zink, C. H.....	930.35
Wilson, J. Oscar.....	913.85	Zollinger, J. H.....	543.75
Winant, Frank I.....	24.70		
Wolf, Max.....	310.08	Total appropriation.....	178,974.61
Woodward, B. T.....	87.79		

Total amount of appropriation.....	\$625,000.00
Total expenditures under above groups.....	593,920.61

Unexpended balance on Aug. 31, 1910.....	31,079.39
Repayments to credit of appropriation.....	1,398.40

Net unexpended balance.....	32,477.79
Outstanding liabilities (estimated).....	9,677.46

Balance to be turned back in Treasury (estimated).....	22,800.33
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*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Ellenberger, Wm. P.....	Veterinary inspector, at \$2,000.....	\$2,000.00	\$642.18
Hickman, R. W., jr.....	Agent in tick eradication, at \$60 per month.....	144.00	
Total.....		2,144.00	
<i>Out of Washington.</i>			
Curtice, Cooper.....	Veterinary inspector, at \$2,250.....	2,250.00	1,218.09
Allen, Leslie J.....	Veterinary inspector, at \$2,000; horse hire, \$211..	2,211.00	591.92
Kiernan, J. A.....	Veterinary inspector, at \$2,000.....	2,000.00	823.62
MacKellar, Wm. M.....	do.....	2,000.00	453.68
Nightbert, E. M.....	do.....	2,000.00	568.65
Wallace, A. H.....	do.....	583.34	
Bond, Geo. A.....	Veterinary inspector, at \$1,800.....	300.00	
Brewer, Frank W.....	Veterinary inspector, at \$1,800; horse hire, \$720..	2,520.00	684.62
Coleman, Arthur T.....	Veterinary inspector, at \$1,800.....	1,800.00	586.00
Cooper, Dean G.....	do.....	1,595.00	705.10
Durfee, Clarence O.....	Veterinary inspector, at \$1,800; horse hire, \$192.50.	1,392.50	
Gallagher, Bernard.....	Veterinary inspector, at \$1,800.....	1,200.00	
Hanawalt, D. C.....	do.....	90.00	
Jackson, Roy E.....	do.....	1,800.00	617.75
Lewis, Walter K.....	do.....	450.00	149.50
Myers, Murray J.....	do.....	1,025.00	522.44
Pope, Geo. W.....	Veterinary inspector, at \$1,800; horse hire, \$240..	2,040.00	495.33
Raque, Chas. A.....	Veterinary inspector, at \$1,800; horse hire, \$70..	1,870.00	1,088.91
Wight, A. E.....	Veterinary inspector, at \$1,800.....	1,790.00	667.76
Bender, John E.....	Veterinary inspector, at \$1,600.....	1,600.00	594.45
Buffington, Ralph M.....	do.....	995.55	534.20
Fry, Wm. A.....	Veterinary inspector, at \$1,600; horse hire, \$600..	2,200.00	282.64
Gregory, Marvin.....	do.....	2,200.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Henderson, Edwin P.	Veterinary inspector, at \$1,600	\$1,577.77	\$654.60
Owen, Thomas M.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	912.47
Paul, Arthur.	Veterinary inspector, at \$1,600; horse hire, \$70.	1,670.00	567.90
Rigdon, Frank.	Veterinary inspector, at \$1,600; horse hire, \$120	386.66	
Schofield, Major.	Veterinary inspector, at \$1,600	400.00	280.69
Sevenster, John.	do.	1,333.33	497.86
Adams, Willard G.	Veterinary inspector, at \$1,400	466.66	317.49
Atkins, Wm. R.	do.	408.34	305.91
Bair, Henry H.	do.	408.34	323.00
Becker, Chas. J.	do.	1,365.01	585.70
Brimkamp, Frank F.	do.	408.34	380.91
Bushong, Joseph P.	do.	875.00	812.43
Caldwell, Harry.	do.	836.10	
Cater, Fred C.	do.	466.66	419.05
Christopher, R. E.	do.	408.34	388.50
Coffy, Joseph P.	Veterinary inspector, at \$1,400; horse hire, \$192.50.	834.17	
Cogswell, Walter K.	Veterinary inspector, at \$1,400	451.11	432.07
Collins, Alva G.	do.	1,400.00	482.32
Cook, Stanley C.	do.	466.66	192.20
Curry, Hugh E.	do.	1,400.00	759.26
Darby, Howard L.	do.	381.11	303.08
Eastman, Chas.	do.	933.33	
Edgerly, Albert P.	do.	1,400.00	980.78
Fahey, John F.	do.	1,400.00	808.35
Famous, George W.	do.	937.22	478.62
Flaherty, Geo. F.	Veterinary inspector, at \$1,400; horse hire, \$676.	2,076.00	347.05
Fetter, George E.	Veterinary inspector, at \$1,400	1,400.00	1,078.55
Galt, Sid.	do.	1,400.00	664.71
Glenn, Harry H.	Veterinary inspector, at \$1,400; horse hire, \$638.	2,018.55	278.44
Gooch, Benj. F.	Veterinary inspector, at \$1,400	466.66	219.05
Graham, Guy G.	do.	1,400.00	1,415.74
Guillfoyle, Harold N.	do.	233.33	191.33
Handley, Geo. A.	do.	408.34	232.27
Hart, Carroll P.	do.	875.00	575.46
Hecker, Frank.	do.	1,400.00	790.19
Horstman, Edward.	do.	408.34	287.14
Jerome, Chas. A.	do.	408.34	114.25
Johnson, Edward P.	do.	1,050.00	608.14
Kingsland, J. C.	do.	291.67	233.02
Lacy, Walter J.	do.	408.34	241.69
Leonard, Harry B.	do.	875.00	527.49
Lingo, Frank J.	do.	466.66	295.96
McBreen, Philip L.	do.	342.23	75.32
Mendenhall, M. H.	do.	350.00	190.99
Nelligan, Walter.	do.	1,357.23	804.63
Ney, Wm. O.	do.	1,333.89	650.88
Noyes, Ralph E.	do.	1,400.00	771.13
Oldham, James S.	do.	1,400.00	658.24
Parker, Elmer B.	do.	855.55	520.73
Paffman, George A.	do.	62.22	
Potter, George M.	do.	700.00	
Price, Levi J.	do.	175.01	72.72
Rigdon, Scott J.	Veterinary inspector, at \$1,400; horse hire, \$456.	1,389.33	
Robards, Jesse.	Veterinary inspector, at \$1,400; horse hire, \$350.	1,166.66	
Rosenberger, Guy W.	Veterinary inspector, at \$1,400; horse hire, \$420.	1,820.00	434.00
Rosenberger, M.	Veterinary inspector, at \$1,400; horse hire, \$280.	1,213.34	
Schmidt, John P.	Veterinary inspector, at \$1,400	952.77	824.10
Scott, Preston B.	do.	816.66	
Smith, Ernest L.	do.	1,400.00	526.47
Steele, Joseph G.	Veterinary inspector, at \$1,400; horse hire, \$720.	2,120.00	344.49
Stever, Arthur C.	Veterinary inspector, at \$1,400	1,388.33	747.54
Stockler, B. J.	do.	505.55	236.26
Sullivan, Walter A.	do.	952.77	881.80
Swanson, Chas. A.	do.	875.00	
Taylor, Robert E.	do.	346.11	152.25
Thornton, E. L.	do.	933.33	473.38
Tillon, Harris B.	do.	1,400.00	764.69
Watkins, Robert E.	do.	583.33	452.90
Wickwire, Garry N.	do.	408.34	205.80



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wright, Chas. M.	Veterinary inspector, at \$1,4000	\$466.66	\$428.45
Yager, Eddie P.	do	1,400.00	940.55
Zumwalt, Archie R.	do	824.45	591.47
Hart, Geo. H.	Assistant in pathology and bacteriology, at \$1,800	1,800.00	834.20
Riley, Patrick H.	Agent in tick eradication, at \$5 per diem	555.00	
Pettibone, A. H.	Agent in tick eradication, at \$1,500	1,491.66	211.35
Youngblood, Wm.	Agent in tick eradication, at \$125 per month	1,454.17	888.18
Connell, Robert M.	Agent in tick eradication, at \$1,200; horse hire, \$388.33.	1,431.67	184.80
Clark, Louis N.	Agent in tick eradication, at \$1,000; horse hire, \$510.	1,218.34	243.15
Cole, Wm. W.	Agent in tick eradication, at \$1,000; horse hire, \$270.	645.00	138.39
Denman, Wm. A.	Agent in tick eradication, at \$1,000; horse hire, \$600.	1,600.00	379.18
Ford, J. F.	Agent in tick eradication, at \$1,000	241.67	
Gibson, Chas. H.	Agent in tick eradication, at \$1,000; horse hire, \$480.	1,146.66	56.60
Gorton, Chas. T.	Agent in tick eradication, at \$1,000; horse hire, \$508.	1,213.56	236.60
Jarvis, G. W.	Agent in tick eradication, at \$1,000	250.00	
Lane, Givens	Agent in tick eradication, at \$1,000; horse hire, \$514.	1,227.88	45.40
Lowe, Clifton D.	Agent in tick eradication, at \$1,000	216.66	324.74
McCullough, F. M.	do	250.00	
Quillian, Chas. M.	do	988.89	925.21
Shepherd, M. K.	Agent in tick eradication, at \$1,000; horse hire, \$704.	1,681.78	314.08
Smith, F. M.	Agent in tick eradication, at \$1,000; horse hire, \$446.	1,065.45	155.52
Sommers, Frank	Agent in tick eradication, at \$1,000; horse hire, \$720.	1,720.00	356.77
Sparkman, I. L.	Agent in tick eradication, at \$1,000	958.33	707.36
Wallace, Willis A.	Agent in tick eradication, at \$1,000; horse hire, \$720.	1,720.00	221.85
Andrews, Lucien	Agent in tick eradication, at \$960; horse hire, \$50.	130.00	
Brammer, Jerry	Agent in tick eradication, at \$960; horse hire, \$156.67.	407.34	
Crane, Henry D.	Agent in tick eradication, at \$960; horse hire, \$536.67.	1,395.34	71.49
Fry, Charles P.	Agent in tick eradication, at \$960; horse hire, \$576.67.	1,499.34	109.13
Landreth, Wm. N.	Agent in tick eradication, at \$960; horse hire, \$291.67.	758.34	
Norwood, Alvin D.	Agent in tick eradication, at \$960; horse hire, \$225.	585.00	
Norwood, Wm. L.	Agent in tick eradication, at \$960; horse hire, \$375.	975.00	
Olliphant, James D.	do	975.00	
Pace, E. Hardy	do	975.00	
Patterson, Harry B.	Agent in tick eradication, at \$960; horse hire, \$205.	565.00	
Pearce, Nicholas J.	Agent in tick eradication, at \$960; horse hire, \$375.	975.00	
Phelps, Walter L.	Agent in tick eradication, at \$960; horse hire, \$148.33.	385.66	
Price, Isaac N.	Agent in tick eradication, at \$960; horse hire, \$360.	936.00	
Simpson, John G.	Agent in tick eradication, at \$960; horse hire, \$375.	975.00	
Smith, Fred'k W.	Agent in tick eradication, at \$960; horse hire, \$368.33.	957.66	
Washum, James H.	Agent in tick eradication, at \$960; horse hire, \$325.	845.00	
Weaver, Joseph B.	Agent in tick eradication, at \$960; horse hire, \$375.	975.00	
Allen, Virgil W.	Agent in tick eradication, at \$900; horse hire, \$150.	337.50	2.60
Bass, C. D.	Agent in tick eradication, at \$900 and \$1,000	879.73	
Boyd, Austin	Agent in tick eradication, at \$900	225.00	
Cole, Charles F.	do	365.00	
Cope, John W.	Agent in tick eradication, at \$900; horse hire, \$172.	387.00	2.00
Dent, S. P.	Agent in tick eradication, at \$900	150.00	
Edwards, T. E.	do	185.00	
Jones, John H.	Agent in tick eradication, at \$900; horse hire, \$452.	1,017.00	17.25
Lambert, Stephen M.	Agent in tick eradication, at \$900	375.00	
Lewallen, W. M.	do	225.00	
Marlette, Geo. C.	do	370.00	
Minor, R. L.	do	435.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Montgomery, W. B.	Agent in tick eradication, at \$900.	\$225.00	
O'Neal, Cecil T.	do.	75.00	
Pickard, J. H.	do.	75.00	
Pollard, E. J.	do.	52.50	
Robson, John K. P.	do.	507.50	
Runnion, I. N.	do.	147.50	
Skinner, Marcus	do.	202.50	
Spencer, Wm. F.	do.	505.00	
Steele, John B.	Agent in tick eradication, at \$900; horse hire \$716.	1,611.00	\$121.90
Stewart, Edward L.	Agent in tick eradication, at \$900.	372.50	
Till, J. A.	do.	372.50	
Ray, W. N.	do.	557.50	
Baker, James E.	Agent in tick eradication, at \$840; horse hire, \$225.	750.00	
Bodenhamer, Don	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Brawley, R. L.	Agent in tick eradication, at \$840; horse hire, \$231.	770.00	
Brown, Walton W.	Agent in tick eradication, at \$840; horse hire, \$87.	290.00	
Carnes, George L.	Agent in tick eradication, at \$840; horse hire, \$80.	266.67	
Clark, Sam P.	Agent in tick eradication, at \$840; horse hire, \$225.	750.00	
Denton, Mike	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Graham, Louis A.	Agent in tick eradication, at \$840; horse hire, \$100.	333.34	
Leonard, James O.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
McClain, Wm. A.	Agent in tick eradication, at \$840; horse hire, \$238.	793.33	
Martin, W. G.	Agent in tick eradication, at \$840.	70.00	53.15
Miller, John G.	do.	65.00	
Mize, T. W.	Agent in tick eradication, at \$840; horse hire, \$218.	726.67	
Moore, H. W.	Agent in tick eradication, at \$840; horse hire, \$118.	393.34	
Myers, Carl C.	Agent in tick eradication, at \$840; horse hire, \$219.	730.00	
Payne, J. S.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Query, A. J.	Agent in tick eradication, at \$840; horse hire, \$127.	423.34	
Query, Worth N.	do.	423.33	
Richardson, S. W.	Agent in tick eradication, at \$840; horse hire, \$51.	170.00	
Roark, Wm. F.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Rodgers, J. B.	Agent in tick eradication, at \$840; horse hire, \$344.	1,146.67	147.20
Ross, George R.	Agent in tick eradication, at \$840.	280.00	301.10
Scott, Guy S.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Sharp, Thomas A.	Agent in tick eradication, at \$840; horse hire, \$87.	290.00	
Timmerman, Jeff L.	Agent in tick eradication, at \$840; horse hire, \$210.	700.00	
Underwood, H. B.	Agent in tick eradication, at \$840; horse hire, \$132.	440.00	
Wilburn, H. C.	Agent in tick eradication, at \$840; horse hire, \$225.	750.00	
Williams, James H.	Agent in tick eradication, at \$840; horse hire, \$224.	746.67	
Williams, Sam H.	Agent in tick eradication, at \$840; horse hire, \$89.	296.67	
Wilson, Paul G.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Blankenship, A. J.	Agent in tick eradication, at \$720; horse hire, \$204.	408.00	72.75
Cargill, B. F.	Agent in tick eradication, at \$720; horse hire, \$90.	270.00	
Coleman, H. H.	Agent in tick eradication, at \$720; horse hire, \$358.	1,074.00	
Cornett, Robert C.	Agent in tick eradication, at \$720; horse hire, \$48.	96.00	15.50
Craddock, Carl C.	Agent in tick eradication, at \$720, and clerk, at \$75 per month; horse hire, \$82.	226.50	34.25
Downing, James H.	Agent in tick eradication, at \$720 and \$900; horse hire, \$510.	1,080.00	208.61
Dumbauld, Ben.	Agent in tick eradication, at \$720; horse hire, \$240.	480.00	78.02
Farley, Cubb.	Agent in tick eradication, at \$720; horse hire, \$90.	270.00	
Garrett, H. W.	Agent in tick eradication, at \$720; horse hire, \$348.	1,044.00	
Greer, C. D.	Agent in tick eradication, at \$720; horse hire, \$90.	270.00	
Harden, Lemuel J.	Agent in tick eradication, at \$720 and \$900; horse hire, \$292.	636.50	108.70
Hollenshead, M. S.	Agent in tick eradication, at \$720; horse hire, \$225.	675.00	
McCabe, Hubert J.	Agent in tick eradication, at \$720; horse hire, \$240.	480.00	129.41
McCleish, W. J.	Agent in tick eradication, at \$720; horse hire, \$220.	660.00	
McSparrin, Chas. T.	Agent in tick eradication, at \$720; horse hire, \$120.	240.00	11.25
Nobles, H. L.	Agent in tick eradication, at \$720; horse hire, \$359.	1,077.00	
Richards, Fred A.	Agent in tick eradication, at \$720; horse hire, \$218.	436.00	70.91
Robinson, M. F.	Agent in tick eradication, at \$720; horse hire, \$90.	270.00	
Rush, J. R.	Agent in tick eradication, at \$720; horse hire, \$134.	402.00	
Shulda, James W.	Agent in tick eradication, at \$720; horse hire, \$180.	360.00	75.57
Smith, Jack G.	Agent in tick eradication, at \$720; horse hire, \$240.	480.00	111.90
Willis, W. D.	Agent in tick eradication, at \$720; horse hire, \$135.	405.00	
Levallan, G. W.	Collaborator, at \$15 per month.	30.00	
Bell, Thomas.	Clerk and typewriter, at \$900.	672.50	
Doyle, Frank R., Jr.	do.	632.50	7.86

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Moore, Harrison A.....	Clerk and typewriter, at \$900.....	\$900.00	.....
Reckart, Anton.....	do.....	740.00	\$9.94
Slicer, Heber M.....	Clerk and typewriter, at \$840.....	840.00	8.85
Smith, George.....	do.....	840.00	.....
Gass, Emmet E.....	Clerk, at \$900.....	900.00	.....
Shackelford, A. C.....	Clerk, at \$75 per month.....	72.50	.....
Baily, Wm. E.....	Clerk, at \$840.....	105.00	27.90
Munger, Grant B.....	do.....	403.67	1.50
Total.....	.....	180,462.19	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight—Continued.</i>	
Green & Co., W. A.....	\$2.00	Seaboard Air Line Ry.....	\$64.80
Lamb & Tilden.....	.43	Southern Ry. Co.....	196.52
Library Bureau.....	101.26	Tallulah Falls Ry. Co.....	25.60
McQuiddy Printing Co.....	2.00	Total.....	1,108.02
Manly Office Supply Co.....	13.85	<i>Telephone.</i>	
United States Envelope Co.....	84.66	Cumberland Telegraph and Telephone Co.....	52.26
Total.....	204.20	Texas & Pacific Telegraph Co.....	13.50
<i>Miscellaneous supplies, etc.</i>		Total.....	65.76
Buckley, John W.....	21.19	<i>Rent.</i>	
Castor Knott Co.....	1.20	Hotze, Fred, trustee and executor.....	80.00
Columbia Pump & Well Co.....	128.00	Ravaddon Trust Co.....	240.00
Contingent Expenses, Department of Agriculture.....	13.01	Richardson, T. M.....	306.00
Enterprise Upholstering & Carpet Co..	1.00	Watson, Elizabeth B.....	100.00
Garrett, H. W.....	2.00	Total.....	726.00
General Electric Co.....	27.75	<i>Apparatus, instruments, and laboratory material.</i>	
Gulf Refining Co.....	1,075.53	Boyd & Co., F. O.....	232.06
Harshaw, Fuller & Goodwin Co.....	67.02	Faxon & Gallagher Drug Co.....	28.64
Howe Ice Co.....	24.25	Gilman, Z. D.....	208.20
Miller & Graham.....	131.16	Total.....	468.90
Myers Manufacturing Co.....	6.00	<i>Travel and station and field expenses.</i>	
Robison, J. T.....	6.00	Adams, Willard G.....	282.15
Storm & Erickson Hardware Co.....	13.50	Allen, L. J.....	486.86
Topham, James S.....	9.50	Allen, Virgil W.....	2.60
Underwood Typewriter Co.....	80.00	Atkins, Wm. R.....	303.91
Washington Rubber Co.....	45.00	Baily, Wm. E.....	27.90
Total.....	1,652.11	Bair, Henry H.....	323.00
<i>Furniture.</i>		Becker, Chas. J.....	585.70
Newport Furniture Co.....	51.45	Bender, Jno. E.....	667.76
Western Bank Supply Co.....	52.00	Blankenship, Arthur J.....	72.75
Yawman & Erbe Manufacturing Co.....	21.75	Bond, Geo. A.....	115.57
Total.....	125.20	Brewer, Frank W.....	684.62
<i>Freight.</i>		Brimkamp, Frank F.....	332.71
Charleston & Western Carolina Ry.....	29.80	Buffington, R. M.....	527.70
Chicago, Rock Island & Pacific Ry. Co.	.93	Bushong, Joseph P.....	703.24
Columbia, Newberry & Laurens Ry. Co.	16.00	Caldwell, Harry.....	668.63
Kansas City Southern Ry.....	85.07	Cater, Fred C.....	338.20
Missouri & North Arkansas R. R. Co.	78.82	Christopher, R. E.....	388.50
Missouri Pacific Ry.....	201.61		
St. Louis & San Francisco R. R. Co....	408.87		



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (eradicating cattle ticks), 1910, \$250,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Clark, Louis N.	\$243.15	MacKellar, Wm. M.	\$453.68
Coiffy, Joseph P.	143.20	McSparrin, Chas. T.	11.25
Curtice, Cooper.	1,218.09	Martin, W. G.	53.15
Cogswell, W. K.	432.07	Mendenhall, Maurice H.	190.99
Cole, Wm. W.	138.39	Munger, Grant B.	1.50
Coleman, Arthur T.	586.00	Myers, M. J.	702.81
Collins, Alva G.	482.32	Nelligan, Walter.	804.63
Connell, R. M.	184.80	Ney, Wm. O.	650.85
Cook, Stanley C.	172.95	Niehart, E. M.	508.65
Cooper, Dean G.	705.10	Noyes, R. E.	771.13
Cope, John W.	2.00	Oldham, James S.	658.24
Cornett, Robt. C.	15.50	Owen, Thos. M.	912.47
Craddock, Carl C.	34.25	Parker, Elmer B.	509.53
Crane, Henry D.	71.49	Paul, Arthur.	567.90
Curry, Hugh E.	759.26	Pettibone, A. H.	211.35
Darby, Howard L.	303.08	Pfaffman, G. A.	35.16
Denman, Wm. A.	306.91	Pope, Geo. W.	522.44
Downing, Jas. E.	201.36	Potter, Geo. M.	218.70
Downing, Jas. H.	208.61	Price, Levi J.	51.07
Doyle, Frank R., jr.	7.86	Quillian, Chas. M.	925.21
Dumbault, Ben.	78.02	Ransom, B. H.	348.04
Durfee, Clarence O.	388.87	Raque, Chas. A.	495.33
Eastman, Chas.	422.60	Reckart, Anton.	9.94
Edgerly, A. P.	980.78	Richards, Fred A.	70.91
Ellenberger, W. P.	642.18	Rigdon, Frank.	44.00
Fahey, J. F.	808.35	Rigdon, Scott J.	310.15
Famous, Geo. W.	415.02	Robards, Jesse.	249.92
Fetter, Geo. E.	1,078.55	Rodgers, J. B.	147.20
Flaherty, Geo. F.	347.05	Rosenberger, G. W.	434.00
Fry, Chas. P.	60.58	Rosenberger, Maynard.	454.10
Gallagher, B. A.	566.85	Ross, Geo. R.	301.10
Galt, Sid.	664.71	Ruddiman, H. D.	168.97
Gibson, Chas. H.	56.60	Schmidt, John P.	803.55
Glenn, Harry H.	278.44	Schofield, Major.	210.92
Gooch, Benj. F.	209.50	Scott, P. B.	619.11
Gorton, Chas. T.	236.60	Sevenster, John.	497.86
Graham, Guy G.	1,415.74	Shepherd, Miram K.	314.08
Graybill, H. W.	11.20	Shulda, James W.	75.57
Gregory, Mawin.	282.64	Slicer, H. M.	8.85
Guilfoyle, H. N.	113.48	Smith, Ernest I.	526.47
Hanawalt, D. C.	52.85	Smith, Frank M.	155.52
Handley, Geo. A.	213.67	Smith, Jack G.	111.90
Harden, Lemuel J.	108.70	Sommers, Frank.	356.77
Hart, C. P.	548.16	Sparkman, I. L.	707.36
Hart, Geo. H.	834.20	Steele, John B.	121.90
Hecker, Frank.	790.19	Steele, Joseph G.	344.49
Henderson, Ed. P.	654.60	Steuer, A. C.	747.54
Horstman, Edward.	287.14	Stockler, Bernhard J.	219.01
Jackson, Roy E.	617.75	Sullivan, W. A.	846.80
Jerome, C. A.	114.25	Swanson, C. A.	610.58
Johnson, E. P.	582.62	Taylor, Robt. E.	152.25
Jones, John H.	17.25	Thornton, E. L.	473.38
Jones, W. P.	172.68	Tillou, Harris B.	764.69
Kierman, J. A.	812.67	Wallace, A. H.	53.20
Kingsland, J. C.	233.02	Wallace, Willis A.	221.85
Lacy, Walter J.	235.94	Watkins, Robt. E.	440.35
Lane, Givens.	45.40	Wickwire, G. N.	205.80
Leonard, Harry B.	504.84	Wight, A. E.	1,068.61
Lewis, Walter K.	149.50	Wright, C. M.	396.60
Lingo, F. J.	269.61	Yager, E. P.	940.55
Lowe, Clifton D.	324.74	Youngblood, Wm.	888.18
McBreen, Phillip L.	48.27	Zumwalt, A. R.	571.57
McCabe, Hubert J.	129.41		
Fry, Wm. A.	455.50		
		Total amount.	55,231.32

Total amount of appropriation.....\$250,000.00  
 Total expenditures under above groups.....242,187.70

Unexpended balance on Aug. 31, 1910.....7,812.30  
 Repayments to credit of appropriation.....11.60

Net unexpended balance.....7,823.90  
 Outstanding liabilities (estimated).....1,414.97

Balance to be turned back in Treasury (estimated).....6,408.93



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry (dairy industry), 1910, \$149,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
White, B. D.....	Senior dairyman, at \$2,000.....	\$2,000.00	\$900.44
Rogers, L. A.....	Senior dairyman, at \$1,800.....	1,800.00	173.30
Shaw, Roscoe H.....	Dairyman, at \$1,800.....	1,200.00	91.11
Hart, J. William.....	Dairyman, at \$1,740.....	43.50	.....
Thompson, Sidney C.....	do.....	1,483.83	1,067.13
Kelly, Ernest.....	Dairyman, at \$1,620.....	477.00	337.06
Ayers, S. Henry.....	Dairyman, at \$1,600.....	1,600.00	155.14
Rabild, Helmer.....	do.....	1,600.00	1,092.32
Hibberd, G. H.....	Dairyman, at \$1,500.....	62.50	.....
Whitaker, G. M.....	Assistant dairyman, at \$1,700, and dairyman, at \$1,700.....	1,700.00	864.27
Rupp, Philip.....	Assistant dairyman, at \$1,620.....	648.00	.....
Dorman, J. E.....	Assistant dairyman, at \$1,600.....	1,600.00	637.59
Weld, Ivan C.....	do.....	1,600.00	924.40
Dexter, William Hart.....	Assistant dairyman, at \$1,400.....	1,224.99	96.27
Stuart, Duncan.....	do.....	1,400.00	180.32
Berg, William N.....	Junior dairyman, at \$1,400.....	1,050.00	87.44
Keithley, J. R.....	Junior dairyman, at \$1,200.....	800.00	537.69
Morgan, William H.....	do.....	233.33	143.26
Burch, D. S.....	Junior dairyman, at \$1,000.....	500.00	5.10
Potteiger, C. R.....	Assistant, at \$1,200.....	1,100.00	87.95
Parks, Karl E.....	Architect, at \$1,400.....	1,400.00	239.96
George, Alfred C.....	Junior architect, at \$720, and architect, at \$720.....	690.00	.....
Simpson, John M.....	Clerk, at \$1,000.....	500.00	.....
Santry, Bart F.....	Plumber, at \$4 per diem.....	64.00	.....
Burch, Harry E.....	Plumber's helper, at \$2 per diem.....	20.00	.....
Hauser, Ernest F., jr.....	do.....	26.00	.....
Berrang, John M.....	Cabinetmaker, at \$3.50 per diem.....	56.00	.....
Clark, Elias F.....	do.....	56.00	.....
Cookman, C. L.....	do.....	52.50	.....
McCray, D. H.....	do.....	56.00	.....
Davis, B. J.....	Laboratory helper, at \$720.....	540.00	51.80
Timberlake, T. O.....	do.....	520.00	40.00
Johnson, Wm. T., jr.....	Laboratory helper, at \$600, and under dairyman, at \$900.....	825.00	78.30
Harris, Daniel.....	Unskilled laborer, at \$2 per diem.....	40.00	.....
Johnson, H. M.....	do.....	40.00	.....
Weston, Charles.....	do.....	40.00	.....
Total.....		27,048.65	
<i>Out of Washington.</i>			
Lang, M. W.....	Senior dairyman, at \$2,000.....	2,000.00	1,239.94
Wells, Levi.....	Dairy inspector, at \$1,800.....	1,800.00	1,559.74
McAdam, Robert.....	Dairy inspector, at \$1,700.....	1,700.00	1,832.19
Corneliusson, Thos.....	Dairyman, at \$1,600.....	1,600.00	842.48
Odell, F. L.....	Dairyman, at \$1,600 and \$1,620.....	401.66	214.68
Scribner, F. H.....	Dairyman, at \$1,500.....	125.00	83.45
Credicott, H. J.....	Assistant dairyman, at \$1,800.....	1,350.00	381.92
Doane, C. F.....	do.....	1,800.00	460.98
Shaw, R. H.....	do.....	600.00	.....
Thom, Charles.....	do.....	1,800.00	186.10
Barnes, S. E.....	Assistant dairyman, at \$1,600.....	1,600.00	1,464.71
Joslin, John C.....	Assistant dairyman, at \$1,600, and dairyman, at \$1,800.....	1,641.67	788.85
Winkjer, J. G.....	Assistant dairyman, at \$1,600.....	1,600.00	939.98
Dox, A. W.....	Assistant dairyman, at \$1,500.....	1,500.00	84.90
Risser, A. K.....	Assistant dairyman, at \$1,400.....	945.00	801.44
Laabs, F. W.....	Assistant dairyman, at \$100 per month, and junior dairyman, at \$1,200.....	900.00	.....
Berg, Wm. N.....	Junior dairyman, at \$1,400.....	350.00	.....
Heaton, Edward B.....	do.....	116.67	18.70
Baker, J. D.....	Junior dairyman, at \$1,200.....	1,100.00	1,252.72
Bruhn, A. T.....	do.....	256.67	.....
Ellington, E. V.....	do.....	36.67	.....
Keithley, J. R.....	do.....	400.00	.....
Moore, Jay W.....	do.....	450.00	104.21
Morgan, Wm. H.....	do.....	100.00	909.44
Welch, R. R.....	do.....	1,200.00	.....
Patch, Clifford.....	Under dairyman, at \$900.....	2.50	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General Expenses, Bureau of Animal Industry (dairy industry) 1910, \$149,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McClain, J. H.	Under dairyman, at \$600.	\$600.00	\$1,036.70
Mitchell, C. L.	Expert in dairying, at \$1,600, and dairyman, at \$1,620.	1,619.17	1,001.14
Moss, Melvin.	Expert in dairying, at \$1,200.	1,116.67	66.15
Dow, S. D.	Agent in dairying, at \$900.	900.00	1,431.57
Palmer, Leroy S.	do.	637.50	
Brandt, Philip.	Agent in dairying, at \$720.	120.00	
Quinerly, J. P.	Agent in dairying, at \$40 per month.	57.34	85.44
Fryhofer, C. W.	Scientific assistant in dairying, at \$1,400.	1,400.00	156.40
Halverson, J. O.	Expert in dairy chemistry, at \$840.	120.17	
Suzuki, S. K.	Expert in dairy chemistry, at \$720 and \$1,020.	845.00	
Larson, Alfred.	Expert in dairy bacteriology, at \$720.	720.00	28.83
Sollie, John.	Expert buttermaker, at \$1,600.	1,600.00	314.83
Issajeff, T. W.	Expert cheesemaker, at \$1,200.	1,200.00	102.96
Grant, C. J.	Expert cheesemaker, at \$720 and \$1,000.	836.67	
Potteiger, C. R.	Assistant, at \$1,200.	100.00	
Perkins, A. E.	Scientific assistant, at \$1,000.	1,000.00	
Conover, J. A.	Scientific assistant, at \$800.	800.00	868.48
Davis, Brooke J.	Laboratory helper, at \$720.	180.00	
Timberlake, T. O.	do.	120.00	
Wishart, Mary B.	Laboratory assistant, at 27½ cents per hour, and collaborator, at \$900.	209.64	
Newman, John B.	Collaborator, at \$5 per diem.	45.00	
Bristow, Harry G.	Collaborator, at \$300.	200.00	
Davis, H. P.	do.	9.17	
Herrell, Preston.	do.	25.00	
Horr, Lucile.	do.	50.00	
Kinzy, Grover.	Collaborator, at 15 cents per hour and \$300.	156.61	
Payne, G. C.	Collaborator, at \$300, and laboratory assistant, at 35 cents per hour.	264.70	
Page, A. C.	Collaborator, at \$20 per month.	40.00	
Sherk, John L.	Collaborator, at \$15 per month.	30.00	
Bailey, Mabel.	Clerk collaborator, at \$300.	290.00	
McCullough, Edna.	do.	112.50	
Nobel, P. W.	Clerk collaborator, at \$12 per month.	144.00	
Brown, A. O.	Clerk, stenographer, and typewriter, at \$960 and \$1,080.	970.00	286.01
Moore, Fred W.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Clarke, Alfred R., jr.	Plumber, at \$4 per diem.	60.00	
Fitzgerald, Thos. A.	do.	64.00	
Total.		42,918.98	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Andrews Paper Co., R. P.	\$3.96	Alberene Stone Co.	\$8.00
Ballantyne, R. Carter.	56.21	Albert Lea Dairy Association.	1,378.77
Barlow & Spicer.	2.25	Albert Lea Hardware Co.	67.50
Burroughs Adding Machine Co.	1.00	Albert Lea Ice & Fuel Co.	39.00
Clarke & Co., R. P.	2.10	American Gas Machine Co.	6.90
Library Bureau.	118.75	American Multigraph Sales Co.	21.15
Mathers-Lamm Paper Co.	26.11	Anderson Bros.	59.63
Miller & Co., H. C.	13.40	Archer, J. Mercer.	140.80
Schmidt, Fred A.	72.45	Armentrout & Sons.	.89
Technical Supply Co.	27.00	Baneroft Creamery Association.	2.61
Union Envelope Co.	63.20	Barber Creamery Supply Co., A. H.	14.55
United States Envelope Co.	505.19	Barber & Ross.	71.80
Universal Supply Co.	.25	Baumgarten Co., Herman.	3.50
Washington Loose Leaf Co.	191.43	Beall Construction Co., R. J.	135.00
Yawman & Erbe Manufacturing Co.	43.75	Becker & Co., Chas.	1.88
Total.	1,127.05	Beckers Leather Goods Co.	10.50
		Bird & Son, F. W.	40.00
		Bolignano & Co., F. W.	21.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General Expenses, Bureau of Animal Industry (dairy industry) 1910, \$149,000"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bolgiano & Son, J.	\$225.00	Livezey, John R.	\$79.10
Boone, W. de S.	4.30	Lutz & Co.	110.00
Bramhall, Deane.	14.56	McCommons-Thompson-Boswell Co.	22.00
Brillion Iron Works.	23.00	McKinnon, M.	7.29
Bristow, Harry G.	24.89	McNatt, H. E.	3.75
Broadhead Cheese & Cold Storage Co.	119.47	McWalters, John P.	4.75
Brown, H. H.	2.25	Mattingley, J. D.	8.92
Bucyrus Copper Kettle Works.	104.67	Mayfield & Brown.	80.00
Buelke, Paul F.	30.00	Merchants Refrigerator Co. of New York.	10.01
Burrell & Co., D. H.	6.70	Miller Co., H. C.	18.90
Burroughs Adding Machine Co.	356.36	Miller & Graham.	49.96
Chaplin, H. A.	42.42	Minnesota Lumber Co.	1.16
Chattanooga Plow Co.	50.00	Monarch Typewriter Co.	81.00
Cherry Co., J. G.	10.03	Morris & Co.	11.52
Chesapeake Supply Co.	59.28	Munson Belting Co., Chas.	74.80
Church, W. A. H.	145.35	Murphy Co., E. J. (Inc.)	2.37
Clarke & Co., R. P.	4.20	Murray Bros.	7.00
Clinton Wire Cloth Co.	13.35	Muth & Co., Geo. F.	21.80
Columbia Pump & Well Co.	18.50	National Electrical Supply Co.	161.52
Columbia Smelting & Refining Works.	3.58	National Mortar Co.	134.00
Consolidated Sales Co.	9.30	Nawrath, J. P.	26.08
Contingent expenses, Department of Agriculture.	358.38	Newman, Walter.	36.11
Copeland Co., M. G.	17.00	Northern Creamery Supply House.	189.22
Crane Co.	6.24	Opalite Tile Co.	3.80
Daly, W. J.	5.00	Osborne, Frank H.	77.84
Damron Bros. Co.	1.67	Palais Royal.	3.75
De Long & Grohs.	14.18	Philadelphia Gear Works.	.70
Douglas, W. H.	.88	Quinn, Edna.	24.68
Dulin & Martin Co.	12.00	Rand-McNally Co.	.90
Eberly's Sons, A.	5.50	Reilly, Hugh.	9.60
Edmonston, Chas. R.	.70	Reinhold & Meyer Manufacturing Co.	5.00
Elliott, John G.	6.30	Remington Machine Co.	12.50
Ennis & Son, Geo. T.	3.64	Remington Typewriter Co.	11.20
Espey, John B.	29.74	Roebling's Sons Co., J. A.	29.63
Export & Domestic Can Co.	16.53	Rudolph & West Co.	61.06
Fowl, Julius.	20.12	Sanitary Can Co.	74.81
Freeborn Creamery Co.	34.73	San-Knit-ary Textile Mills.	5.70
Fries, Beal & Sharp Co.	48.06	Schultz, G. Edward.	41.71
Galt & Co., W. M.	1.10	Scott, R. W., Jr.	9.50
Geele Hardware Co., Frank.	4.03	Sherwin-Williams Co.	4.50
Geissler, Robt. F.	10.43	Shore, Chas.	5.25
Geissler Plumbing & Heating Co.	81.62	Simplex Electric Heating Co.	5.73
General Electric Co.	50.25	Skinner & Co., Chamberlain.	14.52
Gichner, Fred S.	119.74	Smith, J. Frank.	17.50
Golden & Co.	22.88	Somerville Co., Thos.	41.32
Graham, Andrew B.	110.00	Southern Printers Supply Co.	1.05
Grove Lime & Coal Co.	108.00	Standard Oil Co.	25.54
Gutta Percha & Rubber Manufacturing Co.	2.52	Stanley & Patterson.	8.00
Hartig, Louis.	6.92	Stockstill, D. W.	7.00
Heiskell & Co., P. H., Jr.	184.00	Sundh Electric Co.	36.00
Hendley, J. P.	125.00	Thompson, J. S.	7.50
Hildebrand, Robt. F.	2.00	Tin Shop Co.	10.00
Hill, Carrie Theodore.	2.47	Topham, James S.	18.00
Hill, Myrtle.	115.35	Troimmer, Henry.	6.80
House Wares Store.	4.85	Troy Creamery Co.	21.35
Huntton, S. W.	19.60	Tschiffely, F. A.	1.80
Huntton-Simmons Ice Co.	6.50	Ulle Bros.	5.00
Hurley, J. E.	4.25	Underwood Typewriter Co.	240.00
Improved Mailing Case Co.	20.00	Underwood Typewriter Co. (Ltd.)	26.50
Johns-Manville Co., H. W.	5.80	Union Towel Supply Co.	12.00
Johnson & Co., Wm. G.	8.16	Universal Supply Co.	.74
Maurice Joyce Engraving Co.	.75	Vanderhoof, D. E.	8.40
Keasly & Mattison Co.	11.76	Voigt, Edward.	1.50
Keuffel & Esser Co.	3.20	Ward-Leonard Electric Co.	3.20
Killian Co., Geo. P.	13.50	Welsbach Co.	1.40
Knatvold, B. H.	9.25	Whyte, Warren M.	48.75
Lambie & Co., James B. (Inc.)	270.22	Wisconsin Agriculture Experiment Station.	1,100.00
Lansburgh & Bros.	.59	Wishart, Mary B.	13.34
Lee, Mary J.	18.25	Woodward & Lothrop.	1.75
Lee, Ole, Mrs.	4.50	Woolf & Co., C. M.	1,026.26
Leet Bros.	39.20	Total.	9,431.33
Library of Congress.	1.82		



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General Expenses, Bureau of Animal Industry (dairy industry), 1910, \$149,000"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Barnes, Walter F.....	\$16.00	Muth Bros. & Co.....	\$11.20
Derby Desk Co.....	139.00	Pullman, M. J.....	5.34
Gimbel, Ellis A.....	32.40	Queen & Co. (Inc.).....	4.80
Lansburgh Furniture & Carpet Co., J.....	7.06	Sargent & Co., R. H.....	123.15
Library Bureau.....	65.35	Schmidt, Fred A.....	21.56
Lincoln, Fred S.....	3.00	Shoemaker & Busch.....	1.40
Moses & Sons, W. B.....	208.06	Taylor Bros.....	22.50
Yawman & Erbe Manufacturing Co.....	273.40	Taylor Instrument Co.....	9.00
Total.....	744.27	Thomas Co., A. H.....	11.14
<i>Freight.</i>		Thompson Balance Co.....	217.50
Atlantic Coast Line R. R. Co.....	1.49	Torsion Balance Co.....	17.75
Chicago, Milwaukee & St. Paul R. R. Co.....	6.66	Wagner Glass Works.....	15.50
Pennsylvania R. R.....	2.92	Weber Bros. Metal Works.....	45.00
Thompson & Wulff.....	29.50	Westerberg & Williams.....	43.50
Washington Southern Ry. Co.....	7.40	Total.....	2,357.36
Total.....	47.97	<i>Travel and station and field expenses.</i>	
<i>Express.</i>		Ayers, S. Henry.....	155.14
Adams Express Co.....	41.14	Baker, Jay D.....	1,252.72
<i>Telephone.</i>		Baker, L. R.....	9.00
Chesapeake & Potomac Telephone Co.....	18.75	Baldwin, Boyd.....	2.05
Chicago Telephone Co.....	62.50	Barnes, S. C.....	2.75
New York Telephone Co.....	37.25	Barnes, S. E.....	1,464.71
Tri-State Telephone & Telegraph.....	26.00	Beechy, L. P.....	1.50
Total.....	144.50	Berg, Wm. N.....	87.44
<i>Rent.</i>		Boyle, Chas. W.....	3.00
Albert Lea Dairy Association.....	999.96	Brown, Arthur O.....	286.01
Booth Fisheries Co.....	360.00	Burch, D. S.....	5.10
Crilly, D. F.....	300.00	Busman, H.....	4.05
Fruit Auction Co.....	425.00	Conover, J. A.....	868.48
Total.....	2,084.96	Corneliusson, Thos.....	842.48
<i>Gas and electricity.</i>		Credicott, H. J.....	381.92
Albert Lea Light & Power Co.....	50.50	Davis, B. J.....	51.80
<i>Apparatus, instruments, and laboratory material.</i>		Dexter, Wm. Hart.....	33.75
Baker, Reid S.....	26.75	Doane, C. F.....	460.98
Baker & Co. (Inc.).....	187.64	Donovan, J. E.....	10.45
Bausch & Lomb Optical Co.....	409.82	Dorman, J. E.....	632.54
Bishop & Babcock.....	12.00	Dow, S. D.....	1,431.57
Bower Chemical Manufacturing Co., Henry.....	13.50	Dox, Arthur W.....	84.90
Burrell & Co., D. H.....	154.70	Eagle, R. F.....	7.50
Caire, Justiman & Co.....	1.25	Fryhofer, C. W.....	156.40
Columbia Photo Supply Co.....	.30	Heaton, E. B.....	18.70
Eastman Kodak Co.....	277.66	Issajeff, Theo. W.....	102.96
Eimer & Amend.....	266.37	Johnson, G. A.....	3.65
Flemer, Lewis.....	18.44	Johnson, Wm. T., jr.....	78.30
Friey, Julien P.....	10.10	Jones, W. P.....	1.48
Gilman, Z. D.....	91.08	Joslin, J. C.....	788.85
Greiner & Co., Emil.....	47.40	Keithley, J. R.....	537.69
Gurley, W. & L. E.....	144.50	Kelly, Ernest.....	337.06
Kny-Scheerer Co.....	28.00	Ketchum, F. D.....	13.25
Leese, M. A.....	.45	Lang, M. W.....	1,239.94
Lockwood Dental Co., W. A.....	2.00	Larson, Alfred.....	28.83
Luthin, R. H.....	10.24	Lee, Wm. C.....	1.28
Machlett & Son, E.....	14.25	McAdam, Robt.....	1,882.19
Mackall Bros.....	83.77	McClain, J. H.....	1,036.70
Mallinckrodt Chemical Works.....	6.20	Metz, John F.....	10.30
Merck & Co.....	1.60	Miller, Chester.....	9.95
		Miller, Harry L.....	10.58
		Mitchel, C. L.....	1,001.14
		Moore, J. W.....	104.22
		Morgan, Wm. H.....	143.26
		Moss, Melvin.....	66.15
		Odell, F. L.....	214.68
		Parks, Karl E.....	235.66
		Potteiger, C. R.....	87.95
		Quinerly, Joseph P.....	85.49
		Rabild, Helmer.....	1,092.34
		Rawl, B. H.....	909.12
		Risser, A. K.....	801.44
		Rogers, L. A.....	173.30
		Scribner, F. H.....	83.45
		Shaw, R. H.....	91.11



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General Expenses, Bureau of Animal Industry (dairy industry) 1910, \$149,000"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Sievery, T. J. ....	\$16.60	Welch, R. R. ....	\$909.44
Smith, Robt. H., Jr. ....	105.97	Weld, Ivan C. ....	924.40
Sollie, John. ....	314.83	Wells, Levi. ....	1,559.74
Stuart, Duncan. ....	180.32	Whitaker, G. M. ....	864.27
Thom, Chas. ....	168.75	White, B. D. ....	900.44
Thompson, Sidney C. ....	1,067.13	Winkler, J. G. ....	939.98
Timberlake, T. O. ....	40.00		
Ward, E. K. ....	10.40	Total. ....	27,429.12

Total amount of appropriation ..... \$149,000.00  
 Total expenditures under above groups ..... 113,425.83

Unexpended balance on Aug. 31, 1910. .... 35,574.17  
 Repayments to credit of appropriation. .... 41.61

Net unexpended balance. .... 35,615.78  
 Outstanding liabilities (estimated). .... 12,327.07

Balance to be turned back in Treasury (estimated). .... 23,288.71

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry, 1910 (animal husbandry), \$43,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bell, G. A. ....	Assistant animal husbandman, at \$1,800, and senior animal husbandman, at \$1,800.	\$1,800.00	\$647.90
Shaw, E. L. ....	do. ....	1,800.00	801.80
Samson, George R. ....	Assistant animal husbandman, at \$1,200, and under animal husbandman, at \$1,200.	1,200.00	.....
Lamon, Harry M. ....	Junior animal husbandman, at \$1,500. ....	304.17	295.57
Lee, Alfred R. ....	Junior animal husbandman, at \$1,260. ....	997.50	40.51
Reese, H. H. ....	Under animal husbandman, at \$1,000. ....	1,000.00	271.27
Slocum, Rob. R. ....	Poultry assistant, at \$1,400 and \$1,560. ....	1,466.66	899.39
Cave, Roy A. ....	Herdbook assistant, at \$1,200 and \$1,560. ....	1,350.00	844.79
Riley, E. H. ....	Scientific assistant, at \$1,200 and \$1,560. ....	1,350.00	.....
Williams, John O. ....	Scientific assistant, at \$1,200, and under animal husbandman, at \$1,200. ....	1,200.00	272.76
Biron, Maxweld. ....	Clerk, stenographer and typewriter, at \$75 per month. ....	257.50	.....
Lowenthal, Louis W. ....	do. ....	262.50	.....
Ross, Phebe A. ....	Clerk, at \$900. ....	772.50	.....
Griffith, Gardner L. ....	Clerk, at \$720. ....	90.00	.....
Davis, T. A. ....	Skilled laborer, at \$840. ....	840.00	.....
Ashford, George S. ....	Skilled laborer, at \$480. ....	16.00	.....
Augustine, Thomas J. ....	do. ....	5.33	.....
Curran, James P. ....	do. ....	117.33	.....
Finney, John T. ....	do. ....	62.67	.....
Smith, William. ....	do. ....	201.33	.....
Miller, Aubrey. ....	Messenger boy, at \$360. ....	165.00	.....
Cavender, Wm. M. ....	Unskilled laborer, at \$480. ....	120.00	.....
Crist, Frank. ....	do. ....	380.00	.....
Godfrey, Harry V. ....	do. ....	110.67	.....
Keene, George W. ....	do. ....	445.33	.....
Nash, Luther L. ....	do. ....	132.00	.....
King, James. ....	Unskilled laborer, at \$240. ....	230.00	.....
Rhodes, Louis S. ....	do. ....	230.00	.....
Total. ....		16,906.49	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (animal husbandry), \$43,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Harmon, J. W.	Laborer, at \$480.	\$88.00	
Broadhurst, Liston.	Unskilled laborer, at \$480.	\$2.67	
Crist, Thomas E.	Unskilled laborer, at \$40 per month.	4.00	
Tucker, Edward R.	Unskilled laborer, at \$480.	60.00	
Total.		234.67	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies—Continued.</i>	
Ballantyne, R. Carter.	\$3.76	King & Sons, G. W.	\$1.50
Library Bureau.	131.65	Lamble Co., James B. (Inc.)	97.04
Miller Co., H. C.	27.70	Lochte, L. Leroy.	4.00
Schmidt, Fred A.	.90	Lutz & Co.	187.00
Stott & Co., Chas. G.	22.60	Mathy Co.	27.35
Swayze, W. L.	19.30	Michael, Theodore.	17.50
Waterman Co., L. E.	.62	Millard, Fred W.	300.00
Total.	206.53	Miller Co., H. C.	47.25
<i>Miscellaneous supplies, etc.</i>		Muth & Co., Geo. F.	1.25
Abbott, W. R.	34.67	National Mortar Co.	70.30
Adams Co., E. B.	2.50	Neill, Odo Z.	11.00
Alberene Stone Co.	134.50	Nowell, F. H.	40.00
American Southdown Breeders Ass'n.	3.50	Oliver Co., J. A.	2.00
Barber & Ross.	13.27	Park & Pollard Co.	3.00
Beckers Leather Goods Co.	59.50	Pillsbury, Herbert P.	320.65
Blum Bros.	.43	Probey Carriage Co.	105.00
Bolgiano & Co., F. W.	43.63	Red "C" Oil Mfg. Co.	19.83
Boston Poultry Dry Feed Hopper Co.	9.40	Remington T. W. Co.	4.85
Breck & Sons, Joseph.	2.25	Rudolph & West Co.	8.97
Burch & Co., F. S.	3.10	Schmid, Edw. S.	1.25
Burroughs Adding Machine Co.	386.36	Schultz, G. Edw.	5.65
Champion Cart Co.	22.50	Shea, N. H.	2.10
Church, W. A. H.	795.90	Simpson, E. T.	5.40
Clarke Co., R. P.	8.20	Slough, Alfred D.	2.50
Contingent expenses, Department of Agriculture.	16.48	Smyth Bros.-McCleary-McClellan Co.	1,200.00
Copeland Co., M. G.	2.79	Southern Poultry Supply Co.	12.60
Crane, H. P.	750.00	Teufel, F. W.	2.50
Cyphers Incubator Co.	66.66	Underwood Typewriter Co.	1.20
Dana, C. H.	6.05	Underwood Typewriter Co. (Ltd.)	7.50
Defendorf, J. J.	12.00	Webster, L. A.	5.00
Dulin & Martin Co.	3.66	White Co., G. H. (Inc.)	1.80
Espey, John B.	14.10	Wood & Sons, T. W.	8.90
Fiske, Chas. C.	600.00	Woodward & Lothrop.	46.09
Frazier & Co., W. S.	34.00	Woolf & Co., C. M.	489.60
Gallher & Bros., W. T.	61.20	Total.	10,812.62
Galt & Co., W. M.	756.70	<i>Furniture.</i>	
Grove Lime & Coal Co.	.40	Gimbel, Ellis A.	8.04
Harper Co., H. F. (Inc.)	26.00	Library Bureau.	4.00
Hartig, Louis.	12.54	Moses & Sons, W. B.	99.83
Heaton, E. J.	3.00	Woodward & Lothrop.	5.95
Hickman & White.	.60	Yawman & Erbe Manufacturing Co.	17.50
Hildebrand, Robt. F.	1.00	Total.	135.32
Hoge & McDowell Co.	3,852.20	<i>Fuel.</i>	
Improved Mailing Case Co.	2.28	Allegheny Co.	232.19
Kansas City Impregnator Co.	7.50		
Kinard, T. J.	5.00		

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (animal husbandry), \$43,000"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Chicago, Milwaukee & St. Paul Ry. Co.	\$13.20	Sheetz, W. Silas	\$0.45
Rutland R. R. Co.	.57	Shoemaker & Busch	1.40
Washington Southern Ry. Co.	.25	Thomas Co., A. H.	1.45
Total	14.02	Total	275.53
<i>Express.</i>		<i>Travel and station and field expenses.</i>	
Adams Express Co.	250.00	Ayers, John T.	60.10
<i>Telephone.</i>		Bell, G. Arthur	559.15
Chesapeake & Potomac Telephone Co.	12.00	Cave, Roy A.	605.75
<i>Apparatus, instruments, and laboratory material.</i>		Downing, Jas. E.	16.45
Bausch & Lomb Optical Co.	42.13	Eichhorn, Adolph	3.50
Eastman Kodak Co.	47.40	Johnston, James	11.94
Flemer, Lewis	5.40	Lamon, Harry M.	295.57
Friez, Julien P.	150.00	Lavery, W. F.	8.74
Gilman, Z. D.	6.20	Lee, Alfred R.	40.51
Mackall Bros.	1.25	Pearl, Raymond	360.39
Pilling & Son Co., Geo. P.	5.00	Reese, H. H.	166.07
Pullman, E. J.	10.05	Rommel, G. M.	165.79
Schmidt, Fred A.	4.80	Salmon, Harry M.	1.02
		Shaw, E. L.	601.15
		Slocum, R. R.	899.39
		Total	3,795.52

Total amount of appropriation	\$43,000.00
Total expenditures under above groups	32,874.89
Unexpended balance on Aug. 31, 1910	10,125.11
Outstanding liabilities (estimated)	721.94
Balance to be turned back in Treasury (estimated)	9,403.17

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (diseases of animals), \$109,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Schroeder, E. C.	Superintendent of Experiment Stations, at \$3,000.	\$3,000.00	\$350.14
Buckley, John S.	Assistant in pathology, at \$2,000	750.01	1,111.00
Morse, Geo. Byron	Assistant in pathology and bacteriology, at \$2,000.	750.01	135.16
Crawford, Albert C.	Physiologist, at \$2,000	2,000.00	
Eichhorn, Adolph	Bacteriologist, at \$1,980	742.50	94.28
Cotton, W. E.	Expert assistant, at \$2,000	2,000.00	
Chapin, Robert M.	Assistant chemist, at \$1,800	1,800.00	161.75
Hassall, Albert	Assistant zoologist, at \$1,800	1,800.00	
Foster, Winthrop D.	Junior zoologist, at \$1,200	400.00	
Formad, Robert J.	Scientific assistant, at \$1,800	1,800.00	15.10
Shore, H. J.	Scientific assistant, at \$1,600	1,600.00	224.64
Burnett, Roy E.	Scientific assistant, at \$1,200	1,200.00	
Graybill, H. W.	Scientific assistant, at \$1,200, and junior zoologist, at \$1,400.	1,266.67	205.24
Hall, Maurice C.	do.	1,300.00	438.76
Shawhan, S. H.	Scientific assistant, at \$840	46.67	



## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry, 1910 (diseases of animals), \$109,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Brett, G. W.	Assistant, at \$1,400	\$1,400.00	
Buck, John M.	Veterinary inspector, at \$1,400	350.00	\$43.65
Crawley, Howard	Expert, at \$1,200, and junior zoologist, at \$1,400	1,300.00	
Flender, C. A.	Medical clerk, at \$1,400	1,400.00	
Breerton, Louise	Assistant microscopist, at \$840	840.00	
Snellings, Chas. B.	Laboratory assistant, at \$900	900.00	
Gould, Lawrence T.	Collaborator, at \$300	166.67	
Fogerty, John P.	Clerk and typewriter, at \$840 and \$900	870.00	
Krause, Lillian A.	Clerk, stenographer and typewriter, at \$700	350.00	
Etter, George T.	Carpenter, at \$4 per diem	610.00	
Fridell, Willis M.	do.	36.00	
McGrew, Wm. S.	Carpenter, at \$3.50 per diem	273.00	
Tracey, Lewis T.	do.	266.00	
Thompson, R. E. L.	Carpenter, at \$1,100	870.83	
Voigt, F.	Messenger, at \$840	840.00	
Moxley, J. A.	Skilled laborer, at \$840	840.00	
Poore, W. R.	Skilled laborer, at \$840 and \$900	870.00	
Seek, R. E.	do.	870.00	
Trice, T.	Skilled laborer, at \$840	840.00	
Myers, H. B.	Watchman, at \$60 per month	720.00	
Pugh, W. T.	do.	720.00	
Darr, Henry	Laborer, at \$720	720.00	
Stadtler, G. M.	Laborer, at \$60 per month	720.00	
Mathews, F.	Laborer, at \$660	660.00	
Caywood, E. V.	Laborer, at \$50 per month	598.33	
Henderson, H.	Laborer, at \$600	600.00	
Coleman, G. F.	Laborer, at \$45 per month	540.00	
Lancaster, Frank	Laborer, at \$540	423.00	
Samuel, J.	Laborer, at \$45 per month	540.00	
Clipper, Cleave	Laborer, at \$480	480.00	
Clipper, Will	do.	480.00	
Drummonds, W. H.	do.	480.00	
Holmes, A.	Laborer, at \$40 per month	480.00	
Leftwich, J.	do.	480.00	
Miles, Ed. R.	Unskilled laborer, at \$50 per month	53.33	
Beach, Frank H.	Unskilled laborer, at \$40 per month	14.67	
Brewer, James N.	Unskilled laborer, at \$480	478.67	
Brooks, William	do.	480.00	
Crist, Frank	do.	20.00	
Fox, C. W.	do.	480.00	
Gscheidle, Wm. L.	do.	97.33	
Hagenbuch, Roy P.	do.	98.67	
Harris, Peter	do.	73.33	
Hawkins, Dave	do.	480.00	
Hipkins, Joe	do.	478.67	
Keene, George W.	do.	20.00	
Kushner, Morris	do.	140.00	
Lane, Clarence	do.	320.00	
Mason, Sam	do.	480.00	
Parker, G. F.	do.	480.00	
Pugh, Andrew D.	do.	480.00	
Schneider, Frank C.	do.	200.00	
Voight, Henry W.	Unskilled laborer, at \$480 and \$600	540.00	
White, Alphonso	Unskilled laborer, at \$480	478.67	
White, G.	do.	480.00	
King, James	Unskilled laborer, at \$240	10.00	
Rhodes, Louis S.	do.	10.00	
Total		49,383.03	
<i>Out of Washington.</i>			
Niles, W. B.	Veterinary inspector, at \$2,250	2,250.00	603.01
Gallagher, Bernard A.	Veterinary inspector, at \$1,800	600.00	627.60
Buck, John M.	Veterinary inspector, at \$1,400	116.67	
Greeder, Herman	do.	1,050.00	181.23
Flocken, Chas. F.	Assistant in bacteriology, at \$2,000	1,711.11	34.81
Campbell, H. C.	Expert in milk hygiene, at \$1,200	1,200.00	6.08



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry, 1910 (diseases of animals), \$109,000"—  
 Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Williams, W. L.	Agent in animal disease investigations, at \$50 per month.	\$180.00	\$455.62
Frederick, H. J.	Expert in contagious diseases of sheep, at \$200.	200.00	36.83
Dawson, Chas. F.	Expert on anthrax, at \$100.	100.00	
Green, Richard H.	Laboratory aid and engineer, at \$730.	58.80	
Scott, Frank.	Laborer, at \$720.	706.00	
Bowman, Archibald F.	Unskilled laborer, at \$720.	540.00	
Templeton, Prosper J.	do.	178.00	
Total		\$,890.58	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies—Continued.</i>	
American Hard Rubber Co.	\$1.23	Chesapeake Supply Co.	\$26.08
Andrews Paper Co., R. P.	1.80	Childs, R. L.	10.00
Ballantyne, R. Carter.	64.83	Chilton Paint Co.	.41
Clarke Co., R. P.	8.40	Church, W. A. H.	2,103.61
Columbia Ribbon & Carbon Manufacturing Co.	1.63	Clarke Co., R. P.	5.40
Feast & Co., H. D.	.35	Columbia Pump & Well Co.	31.75
Library Bureau	71.00	Columbia Smelting & Refining Works.	8.36
Lindeneyr, Philip.	20.48	Consolidated Sales Co.	4.10
Mathers-Lamm Paper Co.	2.80	Contingent expenses, Department of Agriculture.	1,071.81
Morrison Paper Co., E.	1.25	Coon, Wm. H.	49.03
Remington Typewriter Co.	1.26	Cooney & Co., J. N.	12.00
Schmidt, Fred A.	30.19	Copeland & Co., M. G.	12.00
Seibert, John F.	1.25	Crandall Packing Co.	2.76
Swayze, W. L.	54.00	Crane Co.	65.22
Yawman & Erbe Manufacturing Co.	2.10	Crescent Co.	2.50
Total	262.57	Curtiss, C. F.	50.00
<i>Miscellaneous supplies, etc.</i>		Cuyler & Mohler	80.00
Acme Glue Works.	1.40	Davis, H. C.	299.00
Adams Co., E. B.	5.00	Dorflinger & Sons.	41.30
Alberene Stone Co.	34.00	Dulin & Martin Co.	56.10
American Ice Co.	20.00	DuPerow, M.	14.40
Armour & Co.	22.10	Duvall & Son, Samuel.	86.76
Atkins, E. C.	5.38	Edmonston, Chas. R.	8.82
Ayer, H. D.	1.15	Eisinger Bros.	20.70
Ballard, E.	35.00	Ennis & Son, Geo. T.	3.90
Ballard, Wm.	50.00	Espey, John B.	43.77
Barber & Ross.	314.47	Fitzgerald, Morris.	5.00
Barker, Geo. M.	32.00	Franklin Mills Corporations.	21.90
Becker & Co., Chas.	.95	French, Scott.	10.00
Bedell Manufacturing Co.	.93	Fries, Beal & Sharp Co.	1.25
Berry Bros. (Ltd.)	29.95	Galliker & Bros., W. T.	49.70
Biggs Heating Co.	2.75	Galt & Co., W. M.	5,728.02
Bishop & Co. Platinum Works, J.	11.04	Georgetown Gas Light Co.	350.00
Blum Bros.	1.45	Giehner, Ernest.	35.00
Boligiano & Co., F. W.	492.88	Gilbert, E. P.	150.00
Borop, Guy A.	150.00	Gilbert, Ray.	100.00
Bosworth, L. M.	12.17	Gordon, Robt.	5.00
Bott Bros. Manufacturing Co.	12.60	Government Hospital for Insane.	3.00
Brett, James.	35.00	Graham, Geo. H.	90.00
Brooks Co., E. F.	4.25	Griscom-Spencer Co.	9.00
Buck, Geo. W.	50.00	Gulf Refining Co.	55.69
Buckley, John W.	124.85	Gutta Percha & Rubber Manufactur- ing Co.	10.08
Bullock, D. J.	50.00	Hagy Waster Works, J. Milton.	7.50
Carey, E. G.	33.00	Hammar Bros. White Lead Co.	41.58
		Harper, J. W.	55.00
		Hartig, Louis.	16.38

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry, 1910 (diseases of animals), \$109,000"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harvey & Co., J. A.	\$8.00	St. Paul Union Stock Yards Co.	\$7.35
Hayes, John F.	54.66	Schmid, Edw. S.	50.50
Heiskell & Co., P. H., Jr.	15.64	Scott, F. F.	63.00
Henderson, H.	12.00	Seamark, Harry F.	.45
Henderson, R. W. & J. B. (Inc.)	30.00	Shea, F. P.	1,067.00
Hoge & McDowell Co.	11,891.21	Shea, N. H.	5.40
Howard, Geo. E.	130.00	Sheldon, B. J.	29.10
Howland, B.	300.00	Sherwin-Williams Co.	18.55
Huddleston & Co., J. G.	49.00	Shore, Chas.	15.40
Huddleston & Co., M. C.	40.00	Simplex Electric Heating Co.	9.60
Hungerford Brass & Copper Co., U. T.	.63	Sims, Mrs. J. D.	50.00
Huntley, J. E.	112.00	Smith & Son, Chas. G.	132.32
Hurley, J. E.	4.75	Smith, Thos. W.	43.00
Keis, Bernard.	.95	Smoot, L. E.	183.00
Keiser, Lewis.	725.00	Somerville Co., Thos.	328.44
Keller-McManus Co.	112.50	Standard Oil Co.	18.18
Kelley, Albert.	41.00	Steele, Chas. P.	84.00
Kendall Co., J. B.	23.22	Templeton, M. E.	70.00
Kooser, F. E.	20.00	Toms, M. H.	37.80
Lambie Co., James B. (Inc.)	305.21	Underwood, G. A.	150.00
Lansburgh & Bro.	1.80	Underwood, T. W. Co.	80.00
Laramée & Grahm.	7.60	Upton & Co., G. L.	515.60
Lawton & Sons, W. T.	21.75	Upton & Shadewald.	115.44
Lenge, Anton.	75.00	Vye, J. A.	15.00
Lindsay, Melville D.	19.20	Wakefield, W. M.	57.00
Live Stock Sanitary Board of Minne- sota.	70.00	Walford, D. N.	1.30
Lochte, L. Leroy.	175.54	Waters-Pierce Oil Co.	1.50
Lowdermilk & Co., W. H.	6.00	White, A. L.	17.85
Lutz & Co.	50.25	Wilson, Elizabeth.	360.00
McCauley, C. E.	75.00	Winters, J. H.	50.06
McCubbin, Co., C. J.	1.10	Woodward & Lothrop.	103.83
Manhattan Electrical Supply Co.	2.76	Total.	33,916.86
Manning, Maxwell & Moore (Inc.)	1.50	<i>Furniture.</i>	
Mayfield & Brown.	26.00	Globe-Wernicke Co.	9.00
Merriam Park Ice Co.	10.50	Library Bureau.	40.50
Miller & Graham.	99.64	Total.	49.50
Morgan, Lafe.	248.00	<i>Fuel.</i>	
Munn, Fred.	69.61	Allegheny Co.	651.88
Munsinger, J. M.	971.85	<i>Freight.</i>	
Munson Belting Co., Chas.	37.89	Knox Express Co., Geo. W.	.25
Murphy Co., E. J. (Inc.)	30.37	Penna R. R.	4.80
Murphy, J. D.	9.05	Southern Ry. Co.	26.99
Muth & Co., Geo. F.	17.11	Total.	32.04
National Carbon Co.	8.80	<i>Telephone.</i>	
National Electrical Supply Co.	68.74	Boone Co. Tel. Co.	12.00
National Mortar Co.	26.80	Chesapeake & Pot. Tel. Co.	.10
Nawrath, J. P.	22.33	Iowa Tel. Co.	12.00
Niles, N. L.	88.00	Total.	24.10
Niswender, J. L.	25.00	<i>Rent.</i>	
North Star Ash Can Co.	50.25	Hill, L. B. & D. B.	300.00
Oliver Co., J. A.	162.25	<i>Gas and electricity.</i>	
Otto, A.	100.00	Georgetown Gas Light Co.	6.40
Palmer-Price Co.	8.50	Potomac Electric Power Co.	204.79
Peerless Rubber Manufacturing Co.	2.28	Total.	211.19
Pennock, Edward.	5.00		
Person, E. H.	20.00		
Philadelphia Gear Works.	15.00		
Pillsbury, Herbert P.	776.90		
Pomplon, Wm. J.	30.00		
Powers Mercantile Co.	10.19		
Rau, John C.	19.80		
Reasoner, W. L.	98.00		
Red "C" Oil Manufacturing Co.	13.59		
Reilly, Hugh.	109.85		
Remington, T. W. Co.	2.45		
Ricks, N. D.	6.20		
Roberts Numbering Machine Co.	6.00		
Roney, John U.	40.00		
Rosslyn Supply Co.	8.40		
Rudolph & West Co.	221.73		
St. Paul Steam Laundry.	.70		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry, 1910 (diseases of animals), \$109,000"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Baker Chemical Co., J. T. ....	\$4.20	Thomas Co., A. H. ....	\$168.86
Bausch & Lomb Optical Co. ....	1,213.57	Whitall Tatum Co. ....	68.65
Berkfeld Filter Co. ....	36.00	Woche & Son Co., Max. ....	81.00
Bishop & Co. Platinum Works, J. ....	6.75	Zeiss, Carl. ....	95.91
Bosworth, L. M. ....	34.36		
Boyd & Co., F. O. ....	69.19	Total. ....	3,586.98
Columbia Photograph Supply Co. ....	5.50		
Coop. Drug Co. ....	38.93	<i>Travel and station and field expenses.</i>	
Eastman Kodak Co. ....	10.51	Adams, Willard G. ....	5.49
Elmer & Amend. ....	119.82	Campbell, H. C. ....	6.08
Flemer, Lewis. ....	118.24	Chapin, Robt. M. ....	161.75
Gilman, Z. D. ....	280.56	Dorset, M. ....	596.62
Greiner Co., Emil. ....	59.08	Eichhorn, Adolph. ....	10.45
International Instrument Co. ....	9.16	Flocken, Chas. F. ....	34.81
Kny-Scheerer Co. ....	1.86	Frederick, H. J. ....	36.85
Leese, M. A. ....	22.61	Gallagher, B. A. ....	16.15
Leitz, Ernest. ....	27.51	Graybill, H. W. ....	25.55
Lenz & Lossau. ....	2.25	Greeder, Herman. ....	181.23
Lewis, J. L. ....	2.21	Hall, Maurice C. ....	438.76
Luthin, R. H. ....	10.60	Howe, W. E. ....	2.90
McKee Surgical Instrument Co. ....	8.00	Hutchinson, E. N. ....	179.50
Mackall Bros. ....	790.43	Mohler, J. R. ....	519.44
Mallinckrodt Chemical Works. ....	4.75	Morse, G. B. ....	135.16
Mercik & Co. ....	6.80	Muldowney, P. H. ....	4.96
Muth Bros. & Co. ....	.64	Niles, W. B. ....	603.01
Noyes Bros. & Cutler. ....	157.19	Ransom, B. H. ....	150.86
Parke, Davis & Co. ....	19.54	Schroeder, E. C. ....	190.34
Pennock, Edward. ....	7.15	Shore, H. J. ....	224.64
Pullman, E. J. ....	.64	Traum, Jacob. ....	1.55
Schmidt, Fred A. ....	1.85	Washburn, H. J. ....	85.25
Sharp & Smith. ....	27.15	Williams, W. L. ....	455.62
Shoemaker & Busch. ....	27.15		
Spencer Lens Co. ....	25.20	Total. ....	4,066.97
Squibb & Sons, E. R. ....	21.12		
Sussman, Photograph Stock Co., J. ....	2.04		

Total amount of appropriation. ....	\$109,000.00
Total expenditures under above groups. ....	101,375.70
Unexpended balance on Aug. 31, 1910. ....	7,624.30
Repayments to credit of appropriation. ....	8.87
Net unexpended balance. ....	7,633.17
Outstanding liabilities (estimated). ....	354.64
Balance to be turned back in Treasury (estimated). ....	7,278.53

*Miscellaneous supplies, etc.*

Stanley, Chas. H., attorney for Louise H. Hall, Rebecca F. Beall, Geo. W. Beall, Mary S. Hall, Summerfield D. Hall. ....	18,500.00
Wakhe, P. J., attorney for John G. Hall and Sarah T. Hall. ....	6,500.00
Total amount paid for miscellaneous supplies, etc., under above appropriation. ....	25,000.00
Total amount of appropriation. ....	25,000.00
Total expenditures under above groups. ....	25,000.00



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Animal Industry (administrative expenses), 1910, \$62,760."

## LUMP-FUND SALARIES.

Names.	Titles and rates.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Farrington, A. M.	Assistant chief of bureau, at \$3,000	\$1,125.00	\$571.25
Dorset, Marion.	Chief of biochemic division, at \$3,500	3,500.00	801.52
Emery, James A.	Senior biochemist, at \$2,400	922.50	35.65
Mohler, J. R.	Chief of pathological division, at \$3,500	3,500.00	825.03
Washburn, H. J.	Senior bacteriologist, at \$2,400	922.50	85.25
Steddon, R. P.	Chief of inspection division, at \$3,000	3,000.00	416.70
Hickman, R. W.	Chief of quarantine division, at \$2,750	2,750.00	211.46
Rawl, B. H.	Chief of dairy division, at \$2,500	2,500.00	912.79
Ransom, B. H.	Chief of zoological division, at \$2,500	2,500.00	498.90
Rommel, G. M.	Animal husbandman, at \$2,500	2,500.00	760.02
Downing, James E.	Expert in stock investigations, at \$1,600	1,600.00	301.01
Evans, I. C. I.	Clerk, at \$1,600	600.00	
Frickey, Irving	do.	600.00	
Holland, C. C.	Clerk, at \$1,400	1,224.99	
Earll, Donald M.	Clerk, at \$720	128.00	
Kesler, Wm. T.	Cabinetmaker, at \$1,080	720.00	
Clagett, Jos. H.	Carpenter, at \$3.50 per diem	269.50	
Philpitt, Edward	do.	269.50	
Hollidge, Alfred H.	Carpenter, at \$900	440.00	
Haislip, Albert L.	Carpenter, at \$900	185.00	
Pasch, F. W. G.	Painter, at \$900	345.00	
Coffman, Frank A.	Plumber, at \$900	225.00	
Terry, Dennis L.	Plumber's assistant, at \$660 and \$600	339.00	
Bugbee, James H.	Plumber's helper, at \$600	50.00	
Castleman, S. D.	Fireman, at \$840 and \$720	535.00	
Euell, George	Laborer, at \$1.50 per diem	12.00	
Evans, David	do.	10.50	
Taylor, William	do.	12.00	
Williams, Albert	do.	12.00	
Wissman, H. J.	do.	6.00	
Countee, Alphonzo	Unskilled laborer, at \$1.50 per diem	42.00	2.00
Countee, William A.	do.	40.50	1.60
Smith, Enos B.	do.	312.00	
Garrett, Wm. H.	Unskilled laborer, at \$40 per month	454.67	
James, William	Unskilled laborer, at \$480	480.00	
Truss, Russell S.	Unskilled laborer, at \$40 per month	160.00	
Hutchison, Jas. T.	Messenger boy, at \$360	4.00	
Johnson, Burnett C.	do.	100.00	
Barr, Nora M.	Charwoman, at \$240	52.00	
Total		32,448.66	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Abel, Milton S.	\$88.00	Mathers-Lamm Paper Co.	\$139.87
American Lead Pencil Co.	498.90	Miller Co., H. C.	36.03
Andrews Paper Co., R. P.	491.16	Neidich Process Co.	67.60
Autofiller Pen Co.	53	Old Dominion Paper Co.	2.10
Ballantyne, R. Carter	565.35	Pitcher, E. H.	16.75
Carters Ink Co.	59.55	Rockwell, Chas. F.	46.10
Clarke Co., R. P.	41.32	Schmidt, Fred A.	6.81
Columbia Ribbon & Carbon Co.	3.25	Stott & Co., Chas. G.	4.60
Contingent Expenses, Department of Agriculture	226.64	Swayze, W. L.	271.55
Dixon Crucible Co., Joseph	196.20	Tower, D. A.	84.17
Eagle Pencil Co.	1.40	Typewriter & Office Supply Co.	1.65
Easthampton Rubber Thread Co.	61.44	Union Envelope Co.	82.41
Hausler & Co.	55.00	United States Envelope Co.	582.85
Lamb & Tilden	65.26	United States Paper Goods Co.	42.00
Library Bureau	297.03	Valley Paper Co.	1,056.00
Lindemeyer, Philip	236.60	Yawman & Erbe Manufacturing Co.	156.20
Mann & Co., Wm	557.00	Total	5,961.32



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Animal Industry (administrative expenses), 1910,  
 \$62,769"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Adams Co., E. B.	\$21.30	Washington, Alexandria & Mount Vernon Ry. Co.	\$60.00
American Ice Co.	686.29	West Disinfecting Co.	70.00
American Multigraph Sales Co.	2.00	Williams & Wells Co.	2.38
American Soap & Washoline Co.	1.81	Woodward & Lothrop	25.72
Armour & Co.	15.50	Total.	4,105.36
Auto Livery Co.	34.00		
Banks & Co., F. S.	2.18	<i>Furniture.</i>	
Barber & Ross	68.22	Derby Desk Co.	21.00
Bedell Manufacturing Co.	21.12	Globe-Wernicke Co.	47.00
Blum Bros.	10.40	Lansburgh Furniture & Carpet Co., J.	17.64
Boligano & Co., F. W.	6.00	Lincoln, Fred S.	327.40
Bostwick, Louis R.	17.50	Moses & Sons, W. B.	472.26
Boyle & Co., Jno. (Inc.)	4.50	Yawman & Erbe Manufacturing Co.	266.54
Burton & Son, R. C. M.	58.00	Total.	1,151.84
Cahoon, Leon L.	15.75		
Capital Traction Co.	50.00	<i>Freight.</i>	
Chesapeake Supply Co.	.50	Blue Line Transfer Co.	1.00
Consolidated Sales Co.	39.43	Knox Express Co., Geo. W.	15.29
Contingent expenses, Department of Agriculture.	110.34	Pennsylvania R. R.	7.26
Cotton & Son, Jas. S.	107.99	Roosa, I. P.	4.80
Dobbins, Georgia.	435.25	Washington-Southern Ry. Co.	.25
Douglas, W. H.	1.75	Total.	28.60
Dulin & Martin Co.	74.65		
Egyptian Lacquer Manufacturing Co.	16.40	<i>Express.</i>	
Espey, John B.	7.03	Adams Express Co.	590.15
Fairbanks Co.	55.00	United States Express Co.	200.83
Finola Manufacturing Co.	1.31	Total.	790.98
Gatchel & Manning	31.00		
Graham, Andrew B.	88.00	<i>Telegraph.</i>	
Hartig, Louis.	.92	Postal Telegraph-Cable Co.	77.54
Heiskell & Co., P. H., jr.	8.46	Western Union Telegraph Co.	488.11
Hunter, C. T.	2.50	Total.	565.65
India Alkali Works	16.50		
Kann, Sons & Co., S.	49.05	<i>Telephone.</i>	
Lambie Co., Jas. (Inc.)	51.43	Chesapeake & Potomac Telephone Co.	331.31
Lockwood, E. A.	10.00		
Miller Co., H. C.	28.35	<i>Rent.</i>	
Minnix Co., N. M. (Inc.)	42.50	Brown, Walter A.	720.00
Mitchell Co., M. C.	.50	Harvey, Chas. D.	144.00
Monarch Typewriter Co.	9.16	Johnson, R. Harrison	527.42
Moore Co.	.75	Total.	1,391.42
Murphy Co., E. J. (Inc.)	44.82		
Muth & Co., Geo. F.	2.88	<i>Gas and electricity.</i>	
Navy Department	16.08	Potomac Electric Power Co.	53.94
Nawrath, J. P.	141.98	Washington Gas Light Co.	48.69
Newman, E. S.	1.00	Total.	102.63
Pride of the Kitchen Co.	20.00		
Reilly, Hugh	2.70	<i>Apparatus, instruments, and laboratory material.</i>	
Remington T. W. Co.	104.85	Bausch & Lomb Optical Co.	81.00
Rhoads & Fillman	1.40	Becker, Christian	93.75
Robbins & Myers Co.	90.90	Boyd & Co., F. O.	24.42
Roebling's Sons Co., J. A.	164.68	Eastman Kodak Co.	64.20
Rudolph & West Co.	5.43	Eimer & Amend	14.59
San-Knit-ary Textile Mills	16.25	Gilman, Z. D.	2.21
Schneider's Sons, C. A.	7.95		
Shea, N. H.	45.70		
Silverberg Bros.	2.40		
Sloane, W. & J.	184.10		
Smith Bros. Typewriter Co., L. C.	81.00		
Smith & Hall	1.15		
Southern Printers Supply Co.	8.33		
Stevens, Edward	9.00		
Stiff, J. H.	3.00		
Swiggett, Alfred	1.68		
The Maurice Joyce Engraving Co.	36.76		
Thompson, C. W.	25.91		
Underwood T. W. Co.	541.95		
Underwood Typewriter Co. (Ltd.)	142.50		
Universal Supply Co.	22.32		
Walker, Swiggett D.	8.10		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General Expenses, Bureau of Animal Industry (administrative expenses), 1910,  
 \$62,760"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Leese, M. A. ....	\$0.88	Hickman, R. W. ....	\$033.24
Mackall Bros. ....	2.22	Imes, Marion. ....	75.00
Schmidt, Fred A. ....	14.10	McBirney, John. ....	10.97
Silverberg Bros. ....	2.45	McCabe, G. P. ....	21.25
Total. ....	299.82	Meeham, H. S. ....	3.50
<i>Travel and station and field expenses.</i>		Melvin, A. D. ....	691.87
Boyle, Chas. W. ....	15.88	Mohler, J. R. ....	256.44
Brady, P. J. ....	2.69	Parks, Karl E. ....	4.30
Brough, Wm. ....	4.15	Pickens, J. M. ....	172.80
Buckley, J. S. ....	429.05	Rawl, B. H. ....	3.60
Cave, Roy A. ....	3.60	Rommel, G. M. ....	4.60
Countee, Alphonzo. ....	2.00	Schroeder, E. C. ....	159.80
Countee, Wm. A. ....	1.60	Shaw, E. L. ....	110.55
Dorman, J. E. ....	5.05	Steddom, R. P. ....	406.85
Downing, Jas. E. ....	83.20	Thompson, R. E. L. ....	6.15
Farrington, A. M. ....	430.91	Van Es, L. ....	433.69
		Ward, W. F. ....	273.45
		Total. ....	3,646.19

Total amount of appropriation ..... \$62,760.00  
 Total expenditures under above groups ..... 50,823.78

Unexpended balance on Aug. 31, 1910. .... 11,936.22  
 Outstanding liabilities (estimated). .... 1,169.60

Balance to be turned back to Treasury (estimated). .... 10,766.62

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative experiments in animal feeding and breeding, 1910, \$50,000."

## LUMP-FUND SALARIES.

	Title and rate	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Hammond, W. Fred. ....	Expert superintendent, at \$1,200. ....	\$1,200.00	\$38.64
Curtiss, C. F. ....	Expert in animal husbandry, at \$9 per diem. ....	81.00	133.52
Ridgway, J. W. ....	Expert in animal husbandry, at \$1,000, and agent in animal husbandry, at \$1,000. ....	750.00	93.08
Handschin, Walter F. ....	Expert in animal husbandry, at \$750. ....	750.00	91.39
Faville, A. D. ....	Expert in animal husbandry, at \$500. ....	500.00	
Gray, D. T. ....	Expert in animal husbandry, at \$300. ....	300.00	193.06
Richards, W. B. ....	do. ....	300.00	
Chatterton, Harry J. ....	Expert in animal husbandry, at \$1,000. ....	500.00	34.50
Armsby, H. P. ....	Expert in animal nutrition, at \$1,000. ....	1,000.00	
Fries, J. August. ....	Assistant expert in animal nutrition, at \$1,000. ....	1,000.00	
Braman, W. W. ....	Assistant expert in animal nutrition, at \$840. ....	840.00	
Calvin, John W. ....	Assistant expert in animal nutrition, at \$500. ....	250.00	
Cochrane, Donald C. ....	do. ....	250.00	
Hutton, James. ....	Expert groom, at \$1,200. ....	1,200.00	
Pearl, Raymond. ....	Expert in poultry breeding, at \$600. ....	600.00	360.39
Peck, Cassius. ....	Expert supervisor, at \$300. ....	300.00	
Ward, W. F. ....	Scientific assistant, at \$1,080 and \$1,380. ....	1,205.00	633.06
Christensen, F. W. ....	Assistant, at \$16 per month. ....	128.00	
Clements, D. M. ....	Collaborator, at \$100. ....	8.34	
Cobb, O. E. ....	do. ....	100.00	
Derby, F. I. ....	do. ....	75.00	
Darroch, Daniel A. ....	Clerk, stenographer, and typewriter, at \$900. ....	445.00	
Merritt, Ralph G. ....	Clerk and typewriter, at \$900. ....	450.00	
Morris, A. J. ....	Mason, at \$1,100. ....	94.73	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative experiments in animal feeding and breeding, 1910, \$50,000"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sellers, George	Mason, at \$1,000	\$140.55	
Buckley, Wm.	Mason, at \$960	42.66	
Shedrick, H.	do	74.66	
Dumas, H.	Mason's helper, at \$660	89.83	
Dumas, Frank	Mason's helper, at \$540	37.50	
Sears, George	do	13.50	
Calhoun, Joseph W.	Plumber, at \$1,300	93.89	
Quinn, George	Plumber's helper, at \$660	53.17	
Dumas, James	Painter, at \$800	191.10	
Brothers, Arthur	Painter, at \$720	120.00	
Kimberley, James W.	Carpenter, at \$1,200	170.00	
Lavonche, Isaac, jr.	do	206.67	
Edgerton, Elmer	Carpenter, at \$720	112.00	
Gleason, J. F.	do	264.00	
Lilley, James C.	do	102.00	
Munger, David J.	do	146.00	
Munger, James	do	90.00	
Sampson, C. A.	do	152.00	
Wells, W.	do	136.00	
Wolcott, George	do	94.00	
Douglas, Roy	Carpenter, at \$660	133.83	
Lavonche, E.	do	126.50	
McGlinchey, J.	Drillman, at \$960	194.67	
Belden, Ralph	Teamster, at \$1,300	126.39	
Bielings, John	do	130.00	
Bingham, Perry	do	169.72	
Brown, D.	do	43.33	
Fisher, L.	do	50.56	
Foote, Will	do	122.78	
Goulett, Lewis	do	155.28	
Hamilton, A.	do	130.00	
Hammond, John	do	133.61	
Happy, Joseph	do	126.39	
Loraine, Joseph	do	148.06	
McCray, Thomas	do	267.22	
Roscoe, Luther	do	137.22	
St. Peters, Bert	do	140.83	
Young, E.	Fireman, at \$800	102.22	
Collins, L. E.	Skilled laborer, at \$2 per diem	46.00	\$88.44
Hammond, George	Skilled laborer, at \$660	245.67	
Millar, William	Laborer, at \$720	120.00	
Stowe, L. E.	Laborer, at \$2 per diem	16.00	32.22
Belden, Berton	Laborer, at \$540	57.00	
Carrier, Adelbert	do	117.00	
Cady, Harold	do	22.50	
Cota, William	do	102.00	
Forrest, John	do	25.50	
Gosselin, George	do	58.50	
Hiter, Silas	do	22.50	
Parrish, James	do	16.50	
Sparks, Philip	do	84.00	
Trudo, Oliver	do	72.00	
Warner, Clayton	do	27.00	
Bergeron, Alfred	Laborer, at \$480	68.00	
Hutton, A. G.	Laborer, at \$300	66.67	
Austin, George	Unskilled laborer, at \$540	307.50	
Bessette, T.	do	31.50	
Bingham, Arthur	do	127.50	
Blair, E.	do	130.50	
Bovia, Fred	do	117.00	
Carrier, Fred	do	394.50	
Cook, Willis I.	do	81.00	
Cota, Lewis	do	33.00	
Cota, Nelson	do	34.50	
Cousino, Frank	do	241.50	
Desjaden, Simon	do	1.50	
Hewitt, B.	do	133.50	
Lee, Fred M.	do	402.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative experiments in animal feeding and breeding, 1910, \$50,000"—Cont'd.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lee, Walter A.....	Unskilled laborer, at \$540 .....	\$153.00	
Lettrell, Edward.....	do.....	121.50	
McGowan, Fred.....	do.....	33.00	
Phillips, Frank A.....	do.....	24.00	
Poland, Hector.....	do.....	36.00	
Reynolds, James.....	do.....	33.00	
Root, Charles.....	do.....	109.50	
Root, Fred.....	do.....	42.00	
Caron, J.....	Unskilled laborer, at \$480 and \$540.....	304.67	
Cota, Charles.....	do.....	62.50	
Cota, Fred.....	Unskilled laborer, at \$480.....	30.67	
Cota, Henry.....	Unskilled laborer, at \$480 and \$540.....	117.00	
Cota, Joseph.....	do.....	77.50	
Counter, Peter.....	do.....	118.83	
Eames, S. P.....	do.....	100.67	
Manning, Claton.....	Unskilled laborer, at \$480.....	2.67	
Shackett, Isaac.....	do.....	20.00	
Whitman, J. B.....	Unskilled laborer, at \$480 and \$540.....	522.67	
Kenworth, John.....	Unskilled laborer, at \$300.....	39.00	
Root, Harry.....	do.....	15.00	
Auld, Adam C.....	Unskilled laborer, at \$300.....	233.33	
Total.....		22,666.56	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Abbott, W. R.....	\$8.43	Dickinson & Seeley.....	\$1.75
Allen, L. O.....	4.50	Dutton Co., H. B.....	6.60
American Saddle Horse Breeders' Association.....	6.00	Farnsworth & Co.....	227.66
American Southdown Breeders' Association.....	4.00	Fiske, Clyde E.....	54.04
Angell, C. W.....	12.50	Foote, F. M.....	85.07
Armstrong, Julius.....	12.77	Fox & Co., John.....	1,203.48
Battell, Joseph.....	700.00	Gibson, W. H.....	825.00
Beckwith, F. W.....	4.25	Gray, W.....	22.00
Benedict, R. S.....	1.10	Green Mountain Line Co.....	9.31
Bessett & Boudrean.....	66.20	Greene Co., W. E.....	24.75
Blodgett Co., G. S.....	218.56	Hagar Hardware & Paint Co.....	386.78
Brandon Italian Marble Co.....	7.25	Hamilton, Axes.....	75.00
Brassaw & Lamorder.....	26.00	Haskell Implement & Seed Co.....	2.50
Britell, Ray.....	15.75	Hathorne Co., A. C.....	367.34
Brown, A. N.....	28.90	Hunt, Harry.....	100.00
Burlington Flouring Co.....	2,192.17	Jackson, W. W.....	3.00
Buttolph, J. E.....	213.14	Jewett & Son, Silas W.....	5.04
Cady, C. G.....	6.80	King Bros. Co., F. S.....	135.00
Calhoun & Son, A.....	40.34	Lichtenthaler, Robt. A.....	30.00
Calhoun, Joseph W.....	563.97	Lutz & Co.....	50.00
Carey, A. W.....	98.00	McHugh, D. H.....	28.00
Carl, Reed.....	490.00	Manson Hardware Co.....	15.80
Carrier, Horace G.....	9.92	Martin & Martin.....	6.50
Chapman, Thad. M.....	2,254.09	Middlehook & Sons, J. O.....	101.80
Chicago Flexible Shaft Co.....	15.25	Middlebury, village of.....	459.76
Clark, John B.....	47.20	Miller & McLean.....	84.87
Cloyes, P. B.....	28.94	Rogers & Wells.....	841.58
Cobb Bros.....	7.70	Russell, Geo. S.....	31.00
Colorado State Board of Agriculture.....	454.61	Sanford, H. E.....	45.35
Consolidated Sales Co.....	95.50	Seeley, C. J.....	4.00
Crawley, F. W.....	55.40	Sheldon, W. H.....	30.28
Cushman, E. P.....	14.70	Smith, A. B.....	3.00
DaSilva, David.....	20.00	Smith & Thayer Co.....	12.75
		State Board of Agriculture of Colorado.....	1,135.49
		Stewart, John H.....	748.98



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative experiments in animal feeding and breeding, 1910, \$50,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent.</i>	
Stove, L. H.	\$1.50	Battell, Joseph.	\$100.00
Strong Hardware Co.	82.15	<i>Gas and electricity.</i>	
Thayer & Collins.	14.52	Middlebury Electric Co.	302.40
Thomas, E. H.	56.90	<i>Apparatus, instruments, and laboratory material.</i>	
Thomas & Weeks	593.95	Gilman, Z. D.	19.44
Tisdale, S. G.	1.36	<i>Travel and station and field expenses.</i>	
Towle Co., J. N.	400.00	Bell, G. Arthur	88.75
Vermont Agricultural Experiment Station	250.00	Cave, Roy A.	235.44
Vesburgh, R. J.	39.50	Chatterton, Harry J.	34.50
Warren, Pay C.	56.50	Collins, L. E.	88.44
Wing, J. S.	41.70	Curtiss, C. F.	133.52
Total.	16,516.06	Gray, Dan T.	193.06
<i>Fuel.</i>		Hammond, W. F.	38.64
Wisell, E. E.	349.91	Handschin, Walter F.	91.39
<i>Freight.</i>		Parks, G. H.	16.60
Minnesota Agricultural Experiment Station	67.07	Reese, H. H.	105.20
Rutland R. R. Co.	336.98	Ridgway, J. W.	93.08
Total.	404.05	Rommel, Geo. M.	589.63
<i>Telephone.</i>		Shaw, E. L.	90.10
Weybridge Telephone Co.	65.07	Stowe, L. E.	32.22
		Ward, W. F.	359.61
		Williams, John O.	272.76
		Total.	2,462.94

Total amount of appropriation	\$50,000.00
Total expenditures under above groups	42,886.43
Unexpended balance on Aug. 31, 1910	7,113.57
Outstanding liabilities (estimated)	2,613.57
Balance to be turned back in Treasury (estimated)	4,500.00

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Farrington, A. M.	Assistant chief of bureau, at \$3,000.	\$1,875.00	
Behnke, Albert E.	Associate chief of inspection division, at \$2,500.	2,500.00	\$627.40
Wooden, Morris.	do.	2,500.00	159.50
Emery, James A.	Senior biochemist, at \$2,460.	1,537.50	
West, Albert M.	Assistant in biochemistry, at \$1,600.	1,600.00	
Washburn, H. J.	Senior bacteriologist, at \$2,460.	1,537.50	
Eichhorn, Adolph.	Bacteriologist, at \$1,980.	1,237.50	
Buckley, John S.	Assistant in pathological division, at \$2,000.	1,249.99	
Morse, Geo. Byron.	do.	1,249.99	
McBryde, C. N.	Scientific assistant, at \$2,000.	2,000.00	270.98
Price, T. M.	do.	2,000.00	
Kerr, Robt. H.	Scientific assistant, at \$1,400 and \$1,620.	1,510.00	
Tilley, Frank W.	do.	1,510.00	
Smith, Wm. H., jr.	Veterinary inspector, at \$2,000.	2,000.00	142.30
Stafford, R. J.	Veterinary inspector, at \$1,600.	1,600.00	
Traum, Jacob.	do.	1,600.00	1.55
Meyst, F. W.	Veterinary inspector, at \$1,400.	1,050.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Mink, Wm.	Meat inspector, at \$1,200.	\$1,200.00	\$9.85
Castleman, Philip	Junior laboratory inspector, at \$1,380.	1,366.58	
Ingersoll, E. H.	Junior laboratory inspector, at \$1,320.	1,320.00	2.10
Fuller, A. V.	Junior laboratory inspector, at \$1,200.	1,260.00	
Henley, Robt. R.	do.	1,260.00	54.23
Munro, Joseph B.	Under laboratory inspector, at \$1,200.	250.00	910.22
Custis, Horace H.	Under laboratory inspector, at \$1,020.	1,020.00	
McMillin, Howard R.	do.	1,020.00	
Kershner, Hugh C.	Under laboratory inspector, at \$960.	80.00	46.27
Taylor, James N.	do.	960.00	
Meyer, Will B.	Laboratory assistant, at \$720, and under laboratory inspector, at \$1,020.	895.00	
	Laboratory helper, at \$600.	600.00	
Le Duc, Percy W.	do.	600.00	
Stamper, W. S.	Laboratory clerk, at \$1,200.	1,200.00	
Walsh, Wm. P.	Special agent, at \$2,500.	1,041.66	2,114.10
Parks, G. H.	Architect, at \$2,000.	2,000.00	632.09
Gerdes, H. H.	Clerk, at \$1,800.	1,800.00	
Goodpasture, C. O.	do.	405.00	
Evans, I. C. I.	Clerk, at \$1,600.	1,000.00	
Frickey, Irving.	do.	1,000.00	
Peppers, Harry B.	do.	1,600.00	
Russell, Geo. H.	Clerk, at \$1,500.	1,500.00	
Watson, H. L.	do.	1,500.00	
Davis, Alfred C.	Clerk, at \$1,400.	1,400.00	
Gregory, F. N.	do.	1,252.22	
Keleher, P. J.	do.	1,400.00	
Lyons, Evelyn.	do.	1,400.00	
Scribner, Le Roy.	do.	1,400.00	
Sullivan, Mary.	do.	1,380.55	
Rowden, C. H.	Junior clerk, at \$1,200.	1,260.00	
Bradley, Grace S.	Clerk, class 1.	1,200.00	
Harris, Albert E.	Clerk, at \$1,200.	1,200.00	
Jacobs, Harry C.	do.	1,200.00	
King, James L.	do.	1,200.00	
Kling, Marcus W.	do.	1,200.00	
Marshall, Mary G.	do.	1,200.00	
Richardson, W. T.	do.	1,200.00	
Wasdon, B. G.	do.	1,200.00	
Bowman, Walter H.	Clerk, at \$1,100.	253.62	
Brauner, Adolf.	Clerk, at \$1,000.	1,000.00	
Cole, Myron A.	do.	333.34	12.10
Nubson, Troy A.	do.	1,000.00	
Sammis, E. C.	do.	1,000.00	
Simpson, John M.	do.	500.00	
Tomlinson, W. F.	do.	1,00.00	
Tucker, George F.	do.	141.67	8.60
Wright, Alice J.	do.	1,000.00	
Gardner, Annie K.	Clerk, at \$900.	900.00	
Healy, Bessie M.	do.	900.00	
Lane, Jennie M.	do.	\$87.50	
Le Flohic, Geo.	do.	702.50	
Lucas, Ethel.	do.	567.50	
Sullivan, E. M.	Under clerk, at \$900.	895.00	
Feild, Jennie E.	Clerk, at \$840.	840.00	
Floyd, P. B.	do.	840.00	
Parkinson, E. F.	do.	630.00	
Shaw, Mae H.	Clerk, at \$720.	720.00	
Smith, G. Walter.	Clerk, stenographer, and typewriter, at \$1,000.	1,000.00	
Park, Alexander, Jr.	Clerk, stenographer, and typewriter, at \$900.	787.50	
Platt, Henry E.	do.	900.00	
Fagan, James F.	Clerk and typewriter, at \$900.	900.00	
White, James A., Jr.	do.	225.00	
Willmette, John F.	do.	695.00	
Hollidge, Alfred H.	Carpenter, at \$960.	200.00	
Madigan, Thomas.	Plumber's helper, at \$50 per month.	398.33	
Andrews, Albert A.	Skilled laborer, at \$600.	600.00	
Shields, Wm. H.	Unskilled laborer, at \$50 per month.	600.00	
Gill, C. T.	Unskilled laborer, at \$480.	480.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Glidden, Belle	Unskilled laborer, at \$480	\$480.00	-----
Jones, Joel M.	Unskilled laborer, at \$1.50 per diem	472.00	-----
Maloy, Edw. J.	Messenger and custodian, at \$1,200	1,200.00	-----
Crompton, Harry	Messenger, at \$840	840.00	-----
Jump, W. A.	Messenger boy, at \$480	240.00	-----
Travers, Charles E.	Messenger boy, at \$480	480.00	-----
Barry, Paul du V.	Messenger boy, at \$360	29.00	-----
Cowles, Allen P.	do.	105.00	-----
Galloway, Albert K.	do.	251.00	-----
Gilmore, John P.	do.	123.00	-----
Kraft, Meyer R.	do.	291.00	-----
Long, H. P.	do.	183.00	-----
Miller, Aubrey	do.	170.00	-----
Rocker, Chas. A.	do.	27.00	-----
Wilson, Harry R.	do.	144.00	-----
Stonnell, Chas. E.	do.	178.00	-----
Beach, Freddie	Charwoman, at \$480	480.00	-----
Mullen, Catherine J.	Charwoman, at \$240	227.33	-----
Total		99,315.78	-----
<i>Out of Washington.</i>			
Wray, W. H.	Veterinary inspector, at \$3,500	3,500.00	\$360.09
Bennett, S. E.	Veterinary inspector, at \$3,000; horse hire, \$336	3,336.00	505.39
Geddes, Toole A.	Veterinary inspector, at \$2,750 and \$2,000	1,152.07	753.39
Houck, U. G.	Veterinary inspector, at \$2,750	2,750.00	107.53
Ayer, Don C.	Veterinary inspector, at \$2,500 and \$2,000	2,395.84	-----
Baker, Lewis R.	Veterinary inspector, at \$2,500; horse hire, \$367.50	2,554.99	-----
Ryder, J. F.	Veterinary inspector, at \$2,500; horse hire, \$420	2,920.00	432.18
Baker, Geo. S.	Veterinary inspector, at \$2,250	2,250.00	481.75
Bertram, E. L.	Veterinary inspector, at \$2,250; horse hire, \$420	2,670.00	291.93
Brougham, Jas. J.	Veterinary inspector, at \$2,250	2,250.00	330.24
Clancy, J. B.	do.	2,250.00	140.43
Clarke, Lowell	do.	1,231.25	1,207.94
Ditewig, George	do.	2,250.00	1,635.98
Fleming, James	Veterinary inspector, at \$2,250; horse hire, \$391.80	2,641.80	127.25
George, H. H.	Veterinary inspector, at \$2,250	2,250.00	125.48
Johnson, G. A.	do.	2,250.00	486.60
Ketchum, Frank D.	Veterinary inspector, at \$2,250; horse hire, \$360	2,610.00	180.38
Mattatal, Ira C.	Veterinary inspector, at \$2,250	2,250.00	543.36
Pistor, A. J.	do.	2,250.00	1,951.11
Rose, W. H.	do.	2,250.00	132.69
Schauffler, Chas. A.	Veterinary inspector, at \$2,250; horse hire, \$360	2,610.00	555.30
Wende, Bernhard P.	do.	2,610.00	112.37
Ainsworth, Frederick W.	Veterinary inspector, at \$2,000	2,000.00	85.45
Atherton, I. K.	do.	2,000.00	53.06
Beechy, Levi P.	do.	2,000.00	51.50
Blackwell, John E.	do.	2,000.00	44.55
Brown, H. E.	do.	2,000.00	75.07
Burt, S. W.	do.	2,000.00	40.70
Busman, Herman	Veterinary inspector, at \$2,000; horse hire, \$300	2,300.00	47.68
Butler, Geo. W.	Veterinary inspector, at \$2,000	2,000.00	54.65
Cloud, Joel E.	do.	2,000.00	138.93
Darling, Robert	Veterinary inspector, at \$2,000; horse hire, \$300	2,300.00	1.10
Day, Chas. M.	Veterinary inspector, at \$2,000	2,000.00	63.70
Deming, Charles W.	do.	2,000.00	125.95
De Wolf, F. L.	do.	2,000.00	8.25
Faville, Geo. C.	do.	2,000.00	94.25
Green, L. K.	do.	2,000.00	37.58
Hedrick, H. A.	do.	2,000.00	52.55
Hess, Orlando B.	do.	2,000.00	339.41
Huel sen, Julius	do.	2,000.00	94.85
Irons, Geo. T.	Veterinary inspector, at \$2,000 and \$2,100; horse hire, \$300	2,333.33	41.85
Joss, E. C.	Veterinary inspector, at \$2,000	2,000.00	941.57
Kelly, James S.	do.	2,000.00	126.05
Long, Albert	do.	2,000.00	144.62
Martins, Alfred F.	do.	2,000.00	241.25
Mauldin, C. E.	do.	2,000.00	283.07



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Metsker, Louis.....	Veterinary inspector, at \$2,000.....	\$2,000.00	\$45.41
Miller, Chester.....	do.....	2,000.00	45.05
Miller, Joshua.....	do.....	2,000.00	26.31
Montague, J. W.....	do.....	2,000.00	58.99
Mullowney, Patrick H.....	do.....	2,000.00	185.37
Neil, Wesley N.....	Veterinary inspector, at \$2,000 and \$2,340; horse hire, \$300.....	2,370.83	75.81
Repp, Geo. E.....	Veterinary inspector, at \$2,000.....	2,000.00	137.94
Rishel, A. E.....	Veterinary inspector, at \$2,000; horse hire, \$300.....	2,360.00	125.56
Schaffter, Edw. P.....	Veterinary inspector, at \$2,000 and \$2,500.....	2,375.00	1,119.71
Scott, T. W.....	Veterinary inspector, at \$2,000.....	2,000.00	223.44
Shipley, T. A.....	do.....	2,000.00	61.33
Sorensen, Niels C.....	do.....	2,000.00	1,583.33
Thackaberry, Jos. J.....	do.....	2,360.00	140.14
Townsend, Norris L.....	Veterinary inspector, at \$2,000; horse hire, \$300.....	2,74.95	50.65
Wallace, A. H.....	Veterinary inspector, at \$2,000; horse hire, \$30.51.....	1,472.23	6.25
Waller, Harry N.....	Veterinary inspector, at \$2,000.....	1,980.00	1,768.05
Day, L. Enos.....	Veterinary inspector, at \$1,980.....	1,800.00	1,800.00
Carnachan, Thos. W.....	Veterinary inspector, at \$1,900.....	1,800.00	69.25
Abel, Louis.....	Veterinary inspector, at \$1,800.....	1,800.00	14.25
Anderson, M. O.....	do.....	1,800.00	26.65
Andress, W. R.....	do.....	1,800.00	1,800.00
Atherton, O. G.....	do.....	1,800.00	1,800.00
Baldwin, Boyd.....	do.....	1,800.00	1,800.00
Balzer, Emil.....	do.....	1,425.00	825.00
Barnhart, Chas. W.....	do.....	1,567.50	7.19
Benner, Willis G.....	do.....	1,800.00	54.60
Bird, W. N. D.....	do.....	1,831.20	46.42
Blackwell, A. M.....	do.....	1,010.00	29.87
Blount, Stephen L.....	Veterinary inspector, at \$1,800; horse hire, \$31.20.....	1,800.00	1,800.00
Bond, Geo. A.....	Veterinary inspector, at \$1,800.....	1,800.00	1,780.00
Bower, Walter C.....	do.....	1,800.00	1,800.00
Boyce, Nelson V.....	do.....	1,740.00	145.75
Bracken, Wm. J.....	do.....	2,100.00	1,800.00
Bragington, Frederick.....	do.....	600.00	25.70
Bray, Thomas A.....	Veterinary inspector, at \$1,800; horse hire, \$300.....	1,800.00	1,800.00
Bugbee, Clinton H.....	Veterinary inspector, at \$1,800.....	1,800.00	1,800.00
Burgett, John L.....	do.....	1,800.00	1,800.00
Burnett, D. C.....	do.....	1,800.00	1,800.00
Casper, A. M.....	do.....	1,800.00	1,800.00
Castor, Thomas.....	do.....	1,800.00	1,800.00
Chaney, Herbert B.....	do.....	1,800.00	1,800.00
Cochrane, Robert E.....	do.....	1,800.00	1,800.00
Cooper, J. D.....	do.....	1,800.00	1,800.00
Cooper, W. Ross.....	do.....	1,800.00	1,800.00
Crossman, Edgar A.....	do.....	1,800.00	1,800.00
Davies, C. H.....	do.....	1,270.00	40.30
Day, Wm. E.....	do.....	1,800.00	50.06
Dell, Harry H.....	do.....	1,852.50	89.50
De Ronde, John D.....	do.....	1,595.00	1,800.00
Eagle, Richard F.....	Veterinary inspector, at \$1,800; horse hire, \$17.50.....	1,800.00	5.80
Eagle, Thomas J.....	Veterinary inspector, at \$1,800.....	1,800.00	20.07
Elliott, Clarence L.....	do.....	1,800.00	35.07
Evans, Fred.....	do.....	1,800.00	59.76
Everly, Ora W.....	do.....	2,160.00	1,800.00
Fegley, Nathan K.....	do.....	1,765.00	12.07
Fish, James G.....	do.....	1,800.00	32.25
Fotheringham, Wm.....	Veterinary inspector, at \$1,800; horse hire, \$360.....	1,795.00	116.15
Fretz, Warren J.....	Veterinary inspector, at \$1,800.....	1,800.00	1,800.00
Gibbs, W. H.....	do.....	1,800.00	1,800.00
Gillies, Duncan R.....	do.....	1,800.00	1,800.00
Grove, John S.....	do.....	1,795.00	1,800.00
Grundy, George G.....	do.....	1,800.00	1,800.00
Harrison, Robert H.....	do.....	1,800.00	1,800.00
Hawley, Hiram W.....	do.....	1,800.00	1,800.00
Hayes, John J.....	Veterinary inspector, at \$1,800 and \$1,900.....	1,816.67	623.62
Hendress, Samuel G.....	Veterinary inspector, at \$1,800.....	1,800.00	1,800.00
Hiatt, Wm. L.....	do.....	1,725.00	24.43
Hirleman, Arden L.....	do.....	1,800.00	1,800.00
Holcombe, Allen A.....	do.....	1,800.00	1,800.00



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hollenbeck, John B.	Veterinary inspector, at \$1,800	\$1,800.00	\$22.50
Hope, James G.	do.	1,800.00	8.43
Hopkins, Fred W.	do.	1,350.00	
Hopper, John B.	do.	1,275.00	15.40
Hoves, Benjamin.	do.	1,795.00	36.90
Huntington, F. W.	Veterinary inspector, at \$1,800; horse hire, \$420.	2,220.00	177.20
Hutchinson, E. N.	Veterinary inspector, at \$1,800	675.00	
Hyde, Andrew.	do.	1,800.00	12.10
Hynes, Wm. R.	do.	1,800.00	14.14
Irwin, A. N.	Veterinary inspector, at \$1,800; horse hire, \$32.50.	227.50	2.50
Isaac, Moses.	Veterinary inspector, at \$1,800	1,800.00	15.47
Jay, Robert.	do.	1,800.00	3.50
Jerome, Geo.	do.	1,800.00	24.62
Johnson, Raymond.	do.	945.00	
Johnston, James	do.	1,800.00	11.94
Kanstoroom, D. S.	do.	1,800.00	11.87
Keppel, John.	do.	1,800.00	
Knorr, Geo. W.	do.	1,800.00	26.70
Krowl, Isaac N.	do.	1,800.00	
LANIGAN, O. J.	do.	1,800.00	75.55
Lantz, M. S.	do.	1,800.00	2.65
Lavery, W. F.	Veterinary inspector, at \$1,800; horse hire, \$87.50.	1,887.50	19.33
Leeper, Robert B.	Veterinary inspector, at \$1,800	1,800.00	
Lewis, Walter K.	do.	1,350.00	
Lincoln, Willis B.	do.	1,800.00	50.10
Lint, Milton C.	do.	1,800.00	
Logan, Albert H.	do.	1,800.00	56.24
McBirney, John.	Veterinary inspector, at \$1,800; horse hire, \$230.	1,780.00	31.57
McBride, Archibald.	Veterinary inspector, at \$1,800	1,800.00	53.34
McCall, Chas. A.	Veterinary inspector, at \$1,800; horse hire, \$45.	1,845.00	67.50
McCurdy, Frank C.	Veterinary inspector, at \$1,800	1,800.00	
McFarland, Claude M.	do.	1,800.00	174.94
McHugh, Wm. O.	do.	1,800.00	27.50
Madsen, Jens.	do.	1,800.00	59.20
Mahon, James.	do.	1,800.00	
Mead, Rolla N.	do.	1,465.00	
Meadors, W. H.	do.	1,800.00	62.12
Miller, Monroe B.	do.	750.00	
Morrison, Robert J.	do.	535.00	3.55
Morrow, Chas. J.	do.	1,085.00	12.50
Murphy, Bernard W.	do.	1,800.00	168.17
Myer, Elisha.	do.	1,800.00	1.59
Niles, Edwin P.	do.	1,800.00	
Niven, Andrew B.	do.	1,800.00	40.50
O'Connor, John P.	do.	1,785.00	
O'Leary, John P.	do.	1,800.00	
Otis, G. M.	do.	1,790.00	83.14
Otterman, James L.	do.	1,800.00	74.85
Owen, F. D.	do.	1,800.00	12.70
Owens, Irvin.	do.	1,800.00	
Painter, George D.	do.	1,575.00	1.60
Palmer, Chas. F.	do.	1,800.00	46.10
Parker, Joseph W.	do.	1,800.00	
Paxson, H. D.	do.	1,800.00	
Perry, Wilton T.	do.	1,800.00	127.20
Pote, Thomas B.	do.	1,800.00	
Powell, Norman C.	do.	1,800.00	13.60
Price, John O. F.	Veterinary inspector, at \$1,800	1,800.00	308.44
Quinn, Patrick E.	do.	1,800.00	
Reidy, John B.	do.	1,800.00	72.49
Rich, Theodore S.	Veterinary inspector, at \$1,800; horse hire, at \$360.	2,160.00	
Richmond, Xavia I.	Veterinary inspector, at \$1,800	945.00	
Robinson, Louis A.	do.	1,800.00	2.96
Roe, John F.	do.	1,800.00	
Roome, Henry.	do.	1,800.00	.75
Ruth, Adolph.	do.	1,800.00	
Sappington, Morey A.	do.	1,800.00	25.95
Shaw, Silas L.	do.	1,800.00	
Shumway, Daniel G.	do.	1,800.00	92.65
Siegmund, Wm. C.	do.	1,800.00	25.33

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Siggins, E. L.	Veterinary inspector, at \$1,800	\$675.00	
Slee, John G.	do.	1,540.00	\$19.90
Sloan, John A.	do.	1,800.00	17.55
Smith, Herbert M.	do.	1,800.00	389.68
Smith, N. B.	do.	150.00	
Snyder, O. W.	do.	1,660.00	
Sparhawk, Wm. T.	do.	1,800.00	35.50
Stevens, Fredrick L.	do.	1,800.00	99.61
Stewart, Walter J.	do.	1,800.00	18.70
Stingley, Orville A.	do.	1,800.00	54.92
Stuart, James T.	do.	1,800.00	13.26
Sturges, Frank P.	do.	1,800.00	
Suit, Frisbie T.	do.	1,800.00	1.80
Swedburg, Alfred W.	do.	1,800.00	95.35
Thomas, R. H.	do.	1,800.00	4.20
Thompson, Harry Q.	do.	1,800.00	107.93
Timmermann, H. J.	do.	1,800.00	
Totten, George E.	do.	1,800.00	88.14
Trenbeth, Wm. B.	do.	1,800.00	
Tuck, Richard W.	Veterinary inspector, at \$1,800; horse hire, \$300	2,100.00	5.84
Turnbull, Robert	Veterinary inspector, at \$1,800	1,800.00	
Walls, A. C.	do.	1,800.00	
Walter, Harry K.	do.	1,800.00	129.10
Ward, Edward K.	do.	1,800.00	36.70
Weihe, Walter E.	do.	1,800.00	
White, Thomas	do.	1,800.00	
Winant, Frank I.	do.	1,800.00	36.86
Wootton, Wm. C.	do.	1,800.00	50.45
Worcester, W. W.	do.	1,800.00	2.92
Wright, John B.	do.	1,800.00	
Yingst, Walter H.	do.	1,800.00	3.70
Atherton, W. T.	Veterinary inspector, at \$1,600	1,600.00	15.85
Bailey, Alfred L.	do.	1,600.00	
Baker, Howard	Veterinary inspector, at \$1,600 and \$1,800; horse hire, \$15.	1,644.99	99.70
Balmer, W. M.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	25.11
Baumann, E. H.	Veterinary inspector, at \$1,600	1,600.00	
Bennett, Elwin B., jr.	do.	1,600.00	
Brady, P. J.	do.	1,399.99	
Brock, Ralph O.	do.	1,600.00	313.22
Buffington, R. M.	do.	604.45	
Bullock, Alfred D.	do.	1,600.00	1,671.87
Bundy, Edward A.	do.	964.44	18.77
Burt, Jas. H.	do.	533.33	11.67
Cady, B. J.	do.	1,600.00	62.30
Carle, Edward C.	do.	1,600.00	
Cherrington, K. G.	do.	1,537.77	
Cook, James H.	do.	1,555.55	
Cohenour, Wm. L., jr.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	80.15
Colson, Chas. F.	Veterinary inspector, at \$1,600	1,600.00	
Conley, C. C.	do.	1,600.00	
Conway, Wm. T.	do.	1,600.00	25.50
Cummins, W. M.	do.	1,600.00	17.46
Davenport, M. L.	do.	1,600.00	21.30
Dennis, Vernon A.	do.	1,600.00	
Dillingham, W. I.	do.	1,600.00	23.04
Drake, Francis B.	do.	1,600.00	8.45
Eagle, John G.	do.	1,600.00	
Exline, James C.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	23.30
Farley, Abraham J.	Veterinary inspector, at \$1,600	1,600.00	
Faunce, A. L.	do.	1,597.78	
Fess, F. J.	do.	1,600.00	11.21
Gilchrist, W. D.	do.	1,600.00	
Goff, Wesley M.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	26.46
Gordon, Waldron M.	Veterinary inspector, at \$1,600	1,600.00	18.95
Graham, Ralph	do.	1,595.55	9.05
Greene, T. T.	do.	1,466.66	
Hart, Harry M.	do.	1,231.11	
Hays, Daniel S.	do.	1,342.23	
Henderson, L. C.	Veterinary inspector, at \$1,600; horse hire, \$15	148.34	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Herrold, Chas. H.	Veterinary inspector, at \$1,600	\$1,600.00	
Holm, R. E.	Veterinary inspector, at \$1,600; horse hire, \$295.	1,895.00	\$31.10
Hoymann, Harry J.	Veterinary inspector, at \$1,600	1,600.00	
Jelen, Frank	do.	1,600.00	
Johnston, Carl A.	do.	1,600.00	
Jones, Thomas A.	do.	1,600.00	
Kampschmidt, F. L.	do.	1,600.00	
Knowles, Adam T.	do.	1,600.00	
Licking, Lewis A.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	34.53
Lundell, Alvin O.	Veterinary inspector, at \$1,600	1,600.00	
McEachran, Wm.	do.	1,600.00	
Marshall, Henry	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	11.18
Mitchell, W. Clyde	Veterinary inspector, at \$1,600	1,600.00	29.00
Murphy, Michael J.	Veterinary inspector, at \$1,600	1,586.67	35.90
Newton, Howard M.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	27.40
Parkerson, Chas. A., jr.	Veterinary inspector, at \$1,600	1,600.00	
Partlan, Thos. S.	do.	1,600.00	
Perkins, C. R.	do.	1,600.00	38.77
Potratz, H. F.	do.	653.32	
Raban, Robert M.	do.	1,600.00	3.19
Rapp, Charles A.	do.	600.01	
Reber, Abram N.	do.	1,600.00	
Rosekrans, Wm. R.	do.	1,600.00	
Schofield, Major	do.	1,200.00	
Selby, Stephen A.	do.	1,600.00	
Skinner, Wm. A.	do.	800.00	
Smart, J. J.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	25.45
Songer, Lee C.	Veterinary inspector, at \$1,600	1,600.00	
Stephens, Russell A.	do.	1,600.00	
Stewart, Chas. A.	do.	266.66	
Thrower, John D.	do.	1,600.00	
Velhuis, Zachary	do.	1,315.55	
Wagoner, C. O.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	16.01
West, Wm. L.	Veterinary inspector, at \$1,600	1,333.33	
Woolfolk, Geo. H.	Veterinary inspector, at \$1,600 and \$1,800	1,683.33	70.87
Woolen, D. M.	Veterinary inspector, at \$1,600 and \$1,800; horse hire, \$240.	1,323.33	3.00
Hancock, H. J.	Veterinary inspector, at \$1,500	1,500.00	
Abbott, Albert P.	Veterinary inspector, at \$1,400	1,108.33	
Adams, Lionel H.	do.	412.22	
Adams, Willard G.	do.	933.34	
Alexander, E. V.	do.	1,158.89	242.75
Allen, L. H.	do.	1,400.00	
Altman, F. E.	do.	1,400.00	
Anders, Thomas O.	do.	641.66	
Anderson, Frederick	do.	1,400.00	
Angell, Artie B.	do.	1,396.12	30.85
Anglicker, Jacob	do.	1,197.78	19.10
Arnold, Thos. F.	do.	1,392.23	
Ashbrook, Claude L.	do.	1,400.00	
Atkins, Wm. R.	do.	987.77	
Aufente, John R.	do.	1,400.00	
Augsburger, Otto	do.	1,400.00	
Bair, Henry H.	do.	991.66	
Baldwin, C. R.	do.	1,232.77	
Bann, Edwin	do.	1,400.00	12.35
Barger, John A.	do.	1,400.00	
Barr, Albert C.	do.	1,400.00	
Barthold, E. W.	Veterinary inspector, at \$1,400 and \$1,600	1,433.33	11.32
Beattie, Joseph G.	Veterinary inspector, at \$1,400	1,400.00	
Beck, John P.	do.	991.66	
Beck, Walter H.	do.	268.33	
Becker, Dan C.	do.	700.00	
Berdan, Augustus	do.	1,400.00	
Bertrand, Chas. T.	do.	1,112.22	
Biggs, Amson W.	do.	233.34	
Bingham, Francis S.	do.	1,400.00	
Birenberg, Fischel	do.	1,400.00	
Bittle, Seymour	do.	1,197.78	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bleecker, Dean E.	Veterinary inspector, at \$1,400	\$1,120.00	\$8.30
Blume, Rufus B.	do.	1,400.00	21.75
Bond, Stanley L.	do.	1,400.00	
Bowker, G. J.	do.	532.77	545.25
Boyd, Benj. W.	do.	1,400.00	
Breckenridge, W. K.	do.	1,400.00	
Breckerbaumer, H. E.	do.	1,108.33	
Breininger, C. B.	do.	1,400.00	7.85
Brinkamp, Frank F.	do.	987.77	
Brobeck, J. C.	do.	143.88	
Bromell, Geo. W.	do.	1,400.00	
Brookbank, R. E.	do.	1,190.00	
Brown, Arthur C.	do.	1,400.00	
Buck, John M.	do.	933.33	
Buckner, Geo. W.	do.	1,400.00	12.80
Burke, Henry.	do.	1,050.00	
Burley, Arthur J.	do.	1,400.00	11.01
Burnett, Theo. A.	do.	1,400.00	
Burson, Wm. M.	do.	1,400.00	138.58
Bushong, Jos. P.	do.	525.00	
Butcher, James C.	do.	1,279.45	
Butterfield, L. C.	do.	1,400.00	
Bux, Joe H.	do.	1,400.00	
Caldwell, Geo. R.	do.	1,400.00	29.05
Calph, Edw. J.	do.	1,400.00	83.00
Carter, Earl H.	do.	1,400.00	23.30
Cass, Peter J.	do.	1,396.11	
Cater, Fred C.	do.	933.34	
Caughy, Jas. B.	do.	1,400.00	
Chambers, Edgar.	do.	1,400.00	
Chase, Jesse M.	do.	1,400.00	2.17
Christopher, R. E.	do.	991.66	
Clark, Clarence W.	do.	1,400.00	3.52
Clemens, Wm. A.	do.	805.00	5.18
Clement, Chas. B.	Veterinary inspector, at \$1,400 and \$1,600	1,483.33	
Cole, Clarence G.	Veterinary inspector, at \$1,400	1,400.00	2.25
Cole, Guy T.	do.	466.67	
Collins, Daniel E.	do.	1,400.00	
Collins, Frank H.	do.	1,400.00	
Collins, Horace R.	do.	1,400.00	
Cook, Stanley C.	do.	933.34	
Cooper, Chas. M.	do.	1,400.00	
Copithorn, H. K.	do.	1,400.00	118.55
Corwin, Thos. E.	do.	1,394.16	
Cory, Robert M.	do.	1,400.00	30.10
Cowles, Edward M.	do.	1,396.11	
Cox, Walter P.	do.	1,400.00	
Crail, James.	do.	1,400.00	
Craven, Evert C.	do.	1,400.00	16.00
Craver, John L.	do.	1,400.00	
Crosland, Arthur A.	do.	1,400.00	
Culbert, R. W.	do.	1,400.00	
Cullen, David.	do.	1,108.53	
Dallas, John T.	do.	1,400.00	
Darby, Howard L.	do.	816.67	
Daughtrey, Geo. H.	do.	268.33	
Davidson, Walter A.	do.	1,400.00	
Davidson, Wm. A.	do.	1,283.33	
Davis, Wm. F.	do.	1,400.00	
De Fosset, Albert J.	Veterinary inspector, at \$1,400 and \$1,800; horse hire, \$250.	1,816.66	77.42
Deuell, Bert.	Veterinary inspector, at \$1,400	1,400.00	
Dickey, Elvon S.	do.	1,026.67	
Digman, R. J.	do.	1,400.00	
Dillabunt, Peter A.	do.	1,400.00	
Dingley, Ernest C.	do.	1,400.00	
Doak, H. T.	do.	1,372.79	
Duckworth, E. F.	do.	1,400.00	
Dunkel, Jos. D.	do.	1,396.12	
Dunlap, Lyman B.	do.	1,353.33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dunn, Chas. W.	Veterinary inspector, at \$1,400	\$268.33	
Durham, E. P.	do.	466.67	
Dye, Wm. C.	do.	1,400.00	
Eadie, John A.	do.	1,400.00	
Eagle, Alexander F.	do.	1,400.00	
Eagle, Wm. W.	do.	1,400.00	
Echols, B. C.	do.	1,400.00	
Edmonds, Alfred B. W.	do.	1,400.00	\$34.85
Eggers, D. F.	do.	1,400.00	19.90
Elliott, John A.	do.	1,400.00	30.65
Ellis, Willis V.	do.	70.00	
Emmitt, Otto.	do.	1,400.00	
English, Andrew.	do.	1,400.00	
Epple, L. E.	do.	1,400.00	17.15
Evans, Albert E.	do.	1,088.89	
Evans, Calvin S.	do.	1,400.00	
Fairbank, Harry H.	do.	1,104.44	
Famous, George W.	do.	451.11	
Faulder, Ernest T.	do.	1,400.00	15.80
Faun, Geo. C.	do.	1,400.00	
Fauteck, L. R.	do.	1,400.00	
Fawcett, J. Fred.	do.	1,291.10	
Fay, Hugh.	do.	1,396.12	20.55
Fisher, Wm. H.	do.	1,400.00	
Fitzpatrick, A. C.	do.	1,400.00	37.45
Foster, F. L.	do.	1,400.00	2.97
Foster, John V.	do.	567.77	
Franks, J. W.	do.	1,400.00	
Freeman, Carl E.	do.	1,184.16	
Gallagher, Peter J.	do.	1,400.00	
Games, Wm. M.	do.	1,050.00	
Gardner, Frank L.	do.	1,400.00	
Gardner, John H., jr.	do.	1,007.22	
Garrett, Geo. M.	do.	1,400.00	
Gaston, John T.	do.	1,400.00	
George, Walter.	do.	1,400.00	
Gettelman, Geo. A.	do.	1,400.00	13.10
Gibson, J. E.	do.	1,034.45	
Gilbert, Page L.	do.	1,400.00	
Giltner, L. T.	do.	1,400.00	5.24
Glaisyer, Wallace V.	do.	175.00	
Goldbrown, J.	do.	1,108.33	
Golden, Geo. E.	do.	1,400.00	606.37
Gooch, Benj. F.	do.	933.34	
Goubeaud, Geo. J.	do.	1,400.00	
Grafke, Harry.	do.	933.33	
Gross, Wm. F.	do.	233.34	
Guillfoyle, Harold N.	do.	1,166.67	
Guillaume, Michael.	do.	1,396.11	
Habecker, I. Newton.	do.	1,160.83	
Hackett, C. N.	do.	1,400.00	144.30
Hackler, Henry D.	do.	1,400.00	
Hahn, Frank G.	do.	1,392.22	
Hale, James K.	do.	1,400.00	
Handley, Geo. A.	do.	991.66	
Handley, J. M.	do.	1,392.22	
Hanson, W. L.	do.	1,108.33	
Hart, Carroll P.	do.	525.00	
Hart, Clarence E.	do.	1,400.00	69.92
Harte, Chas. H.	do.	1,400.00	
Hartman, John D.	do.	1,400.00	
Hattery, Morton.	do.	1,400.00	
Haven, Elmer F.	do.	1,400.00	10.80
Haworth, Frank E.	do.	1,400.00	
Hays, C. H.	do.	1,400.00	
Hedley, Clarke.	do.	1,400.00	
Henderson, C. B.	do.	416.11	
Hendren, Oliver T.	do.	1,166.67	26.25
Henneberger, W. B.	do.	1,400.00	
Henry, Michael F.	do.	1,400.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Herrold, Wm. C.	Veterinary inspector, at \$1,400	\$1,400.00	
Hill, J. Bryan	do.	1,400.00	\$3.55
Hoberg, John	do.	1,400.00	
Hogan, Edwin A.	do.	1,400.00	
Holzman, W. R.	do.	1,400.00	
Hope, Fred S.	do.	1,400.00	6.60
Horstman, Ed.	do.	991.66	
Huebschmann, John	do.	1,400.00	
Huff, Logan B.	do.	1,400.00	54.83
Huff, T. Barnett	do.	544.44	
Hughes, Albert N.	do.	1,400.00	8.54
Hughes, Mearl W.	do.	1,400.00	6.57
Humphrey, E. H.	do.	1,400.00	
Hunt, Fredk. W.	do.	1,256.10	
Hunter, Wm. R.	do.	1,396.12	20.62
Huntsberger, S. E.	do.	1,400.00	
Hurley, P. C.	do.	1,392.22	
Hurst, Dan W.	do.	1,108.33	
Huston, Orion B.	do.	1,400.00	
Hutchison, John	do.	466.67	
Huth, Otto J.	do.	1,400.00	55.63
Hyatt, Bradford A.	do.	1,400.00	2.87
Hyde, Roger D.	do.	1,400.00	
Igoe, Edward J.	do.	1,400.00	
Inler, F. A.	do.	1,400.00	
Ingram, S. R.	do.	1,400.00	
Ives, L. D.	do.	1,400.00	
Jackson, Edwin R.	do.	1,380.56	
James, John Alvin	do.	1,345.55	
James, Philip M.	do.	1,400.00	
Jameson, Edward F.	do.	1,400.00	
Jansman, Edward B.	do.	1,400.00	
Jargo, Lewis N.	do.	1,400.00	
Jenison, J. S.	do.	1,400.00	2.72
Jennings, J. Ellis.	do.	1,400.00	
Jerome, Chas. A.	do.	964.43	
Kickbusch, Frank O.	do.	1,400.00	19.75
Johnson, Augustus F.	do.	1,400.00	3.85
Johnson, E. M.	do.	1,400.00	
Johnson, Edw. P.	do.	350.00	
Johnston, Saml. H.	do.	1,400.00	
Jones, Thomas B.	do.	1,341.67	
Jones, Thos. H.	do.	1,400.00	635.38
Joss, Jesse W.	do.	1,400.00	
Kaller, Warren C.	do.	408.34	
Kartrude, Eilert H.	do.	1,400.00	
Kay, Gustave A.	do.	1,400.00	5.65
Kean, Thos. J.	Veterinary inspector, at \$1,400 and \$1,600	1,441.67	756.99
Keepers, Robert W.	Veterinary inspector, at \$1,400	828.32	
Keiter, Clinton F.	do.	1,400.00	
Kellogg, Clarence F.	do.	1,400.00	41.70
Kennedy, E. D.	do.	1,400.00	67.35
Keselring, Ferne	do.	933.33	
Kingsland, J. C.	do.	1,108.33	
Kinter, Joseph B.	do.	1,400.00	
Koen, Albert R.	Veterinary inspector, at \$1,400 and \$1,600	1,483.33	5.80
Koen, John S.	Veterinary inspector, at \$1,400	1,400.00	
Korfhagen, Harry J.	do.	1,400.00	
Kramer, W. Frank	do.	1,372.78	28.85
Krause, Clarence A.	do.	1,302.77	10.50
Kruse, Fredk. A.	do.	1,400.00	
Lacy, Walter J.	do.	991.66	
Laddey, John V.	do.	1,396.11	
Ladson, Thos. A.	do.	1,400.00	
Lampe, Wm. H. G.	do.	1,400.00	27.13
La Rue, Edgar N.	do.	1,400.00	
Lash, Elmer	do.	1,400.00	
Leary, John W.	do.	1,400.00	
Lee, Walker M.	do.	268.33	
Leininger, D. B.	do.	1,400.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Leonard, Harry B.	Veterinary inspector, at \$1,400.	\$525.00	
Lewis, Watson.	do.	1,400.00	882.25
Lichtenwalter, H. W. C.	do.	1,400.00	
Lindburg, O. E.	do.	1,384.45	11.80
Lingo, Frank J.	do.	933.34	
Little, Elbert W.	do.	910.28	
Livers, Roy C.	do.	1,400.00	
Loffer, Solomon F.	do.	1,400.00	
Lohr, McEldin.	do.	1,400.00	
Loman, Fred.	do.	1,400.00	
Lombard, Chas. M.	do.	1,400.00	
Loth, Henry.	do.	1,392.22	14.05
Lovejoy, James E.	do.	427.78	5.80
Lundell, Archie R.	do.	1,400.00	
Lynch, John E.	do.	1,400.00	
Lyon, Wm. A.	do.	1,400.00	
McBreen, P. L.	do.	116.66	
McCauley, Robt. A.	do.	1,050.00	
McCloskey, James A.	do.	976.11	
McConnell, Arthur.	do.	1,400.00	1.42
McCoppin, Chas. R.	do.	1,400.00	
McCray, W. E.	do.	381.11	
McGuire, Michael W.	do.	1,400.00	12.00
McLeod, John C.	do.	1,400.00	
McMaster, Harry W.	do.	1,166.67	13.45
Maloney, Alfred J.	do.	1,400.00	
Maloney, Michael J.	do.	1,400.00	
Mansfield, Chas. M.	do.	1,400.00	11.65
Marquardt, Saml. J.	do.	1,400.00	
Martin, James I.	do.	1,400.00	
Mason, William D.	Veterinary inspector, at \$1,400; horse hire, \$120.	586.67	
Mawer, Geo. C.	Veterinary inspector, at \$1,400.	1,400.00	
Maxwell, Geo. E.	do.	1,398.06	16.35
Mayer, Henry N.	do.	1,400.00	
Mayer, Oliver C.	do.	1,400.00	39.00
Mayes, James M.	do.	1,400.00	
Megary, Jos. N., jr.	do.	762.22	36.80
Mendenhall, M. H.	do.	1,050.00	
Meyer, Philip F. R.	do.	1,400.00	
Michael, Leo B.	do.	7.78	
Middleton, Wm. G.	do.	1,400.00	444.37
Millen, Chas. J.	do.	1,400.00	
Miller, Frank G.	do.	1,400.00	
Miller, Frank W.	do.	1,400.00	
Miller, John F.	do.	1,400.00	25.03
Miner, G. H.	do.	1,400.00	
Minge, B. O.	do.	1,392.22	
Mollan, P. A.	do.	1,398.06	10.35
Morgan, Warren B.	do.	1,400.00	28.25
Moyer, Oliver R.	do.	968.33	
Mullings, Robt. M.	do.	1,396.12	883.96
Murdock, Dawson C.	do.	1,400.00	
Murphy, Joseph W.	do.	1,400.00	
Murphy, Wilbur J.	do.	276.12	
Mutziger, Geo. J.	do.	1,400.00	
Myers, Harry H.	do.	1,400.00	
Myers, Henry H.	do.	1,400.00	
Myers, John F.	do.	1,400.00	15.95
Nannery, Wm. A.	do.	1,400.00	
Neff, Geo. W.	do.	1,318.33	
Nelson, Conrad L.	do.	1,400.00	
Nelson, Oscar.	do.	633.89	
Newberg, Aaron.	do.	416.11	
Newberg, George C.	do.	1,400.00	
Newman, Robt. R.	do.	816.67	
Newman, Wm. S.	do.	1,082.78	
Norris, Clarence L.	do.	1,400.00	
Nutt, Robert H.	do.	416.11	
O'Donoghue, John.	do.	1,400.00	25.65
Olmsted, Orrin E. G.	do.	618.33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Orme, F. W.	Veterinary inspector, at \$1,400.	\$1,400.00	
Osborn, Wm. F.	do.	1,400.00	
Page, Saml. M.	do.	1,400.00	
Palmer, Lewis L.	do.	847.77	
Parker, Elmer B.	do.	544.45	
Parker, Julian J.	do.	1,400.00	
Payne, Chas. F.	do.	1,081.12	
Peabody, Chas. H.	do.	1,392.22	
Pearson, Albert A.	do.	851.67	
Pease, Edwin H.	do.	1,400.00	
Pease, James P.	do.	1,400.00	
Pfaffman, George A.	do.	233.53	
Pickett, James F.	do.	1,400.00	\$26.20
Pierce, Frank	do.	1,400.00	
Pohl, Emil.	do.	1,400.00	
Pollard, Wm. S.	do.	1,400.00	
Potter, Arthur F.	do.	1,380.55	
Pottinger, A. M.	do.	945.00	
Potts, Fred W.	do.	1,400.00	12.65
Prather, E. M.	do.	1,400.00	31.30
Predmore, G. M.	do.	1,108.33	
Price, Levi J.	do.	1,224.99	
Proper, L. J.	do.	1,400.00	153.35
Purdy, Roy A.	do.	1,400.00	
Renter, Walter W.	do.	1,400.00	
Rentschler, M. D.	do.	404.44	
Rice, R. G.	do.	1,400.00	
Richards, Wm. R.	do.	28.33	
Robbins, Hartwell.	do.	1,400.00	39.40
Robertson, Lloyd S.	do.	350.00	
Rockwell, Clarence S.	do.	1,400.00	4.90
Rodibaugh, A. B.	do.	1,139.44	
Rodibaugh, Saml. I.	do.	1,400.00	477.20
Rogers, Arthur B.	do.	1,400.00	
Roser, Jos. F.	do.	1,400.00	
Rothermel, Robt. O.	do.	933.33	
Roueché, Ross C.	do.	1,400.00	
Ruth, Erwin C.	do.	1,400.00	
St. Clair, F. P.	do.	1,400.00	13.50
Salinger, Arthur	do.	1,400.00	
Sallade, James W.	do.	1,400.00	
Saunders, Fred.	do.	1,400.00	
Sayre, Benj. H.	do.	1,365.00	6.60
Schaefer, Edw. H.	do.	1,400.00	
Schalk, Arthur F.	do.	1,104.44	
Schloemer, August.	do.	1,400.00	13.12
Schmidt, John P.	do.	447.23	
Schneider, Harry A.	do.	1,400.00	9.20
Schoening, Harry W.	do.	1,400.00	32.79
Seitz, Elmer E.	do.	1,400.00	
Selby, Joseph V.	do.	1,400.00	
Settle, David E.	do.	1,400.00	
Shale, Harvey L.	do.	1,400.00	
Shattuck, Byron S.	do.	1,388.05	
Shaw, Edgar B.	do.	1,400.00	
Shaw, I. H.	do.	1,193.88	18.53
Shelton, James E.	do.	1,396.11	32.65
Shenck, S. K.	do.	1,252.23	
Siereveld, M., jr.	do.	431.67	
Sigrist, Fred C.	do.	1,400.00	
Sincoke, Joseph O.	do.	1,396.11	
Simpson, J. R.	do.	1,400.00	
Simpson, Wm. H.	do.	1,287.22	
Singleton, Henry.	do.	1,400.00	
Skidmore, Don I.	do.	1,400.00	
Skrable, Frank L.	do.	1,400.00	
Smith, Arthur N.	do.	1,400.00	
Smith, Arthur R.	do.	1,400.00	
Smith, Henry V.	do.	1,400.00	
Smith, Jesse P. F.	do.	1,400.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, John M.	Veterinary inspector, at \$1,400	\$1,298.89	
Smith, Wm. M.	do.	361.66	
Sneed, Charles P.	do.	416.11	
Snyder, E. J., jr.	do.	1,400.00	
Snyder, Simon S.	do.	1,400.00	
Somers, J. P.	do.	1,400.00	
Somerville, Saml. jr.	do.	1,396.11	\$61.42
Sorrell, Walter	do.	1,077.22	36.05
Soule, A. M. M.	do.	373.33	
Sparhawk, Howard H.	do.	1,400.00	
Spear, W. H.	do.	812.77	53.90
Spizler, John E.	do.	1,400.00	23.53
Spitz, Arthur.	do.	1,400.00	6.05
Springer, Saml. E.	do.	268.33	
Springer, Saml. M.	do.	1,400.00	
Stafford, Joseph.	do.	1,400.00	
Staub, Alvin F.	do.	1,400.00	5.44
Steckel, Leopold M.	do.	19.44	
Stiles, Floyd E.	do.	11.67	
Stillwell, John D.	do.	1,400.00	
Stockler, Bernhard J.	do.	894.45	
Stouffer, David F.	do.	1,400.00	
Sullivan, Walter A.	do.	447.23	
Talbert, Joseph F.	do.	1,400.00	
Talbot, Seth P.	do.	439.44	
Taylor, Albert M.	do.	816.67	
Thomas, A. J.	do.	1,400.00	
Thompson, Fredk. H.	do.	1,400.00	
Thomson, Rufus E.	do.	1,400.00	
Tierney, Daniel D.	do.	1,400.00	
Tornow, Henry.	do.	70.00	
Tower, Elmer E.	Veterinary inspector, at \$1,400 and \$1,600	1,483.33	18.16
Townley, Henry D.	Veterinary inspector, at \$1,400	1,400.00	
Treman, Walter	do.	116.66	
Trone, Winson O.	do.	1,400.00	
Troy, Oscar E.	do.	388.89	
Tyler, Walter.	do.	1,400.00	
Van Allstyne, Wm. C.	do.	439.45	
Van Orman, Ray	do.	1,400.00	39.05
Veenstra, John Y.	do.	1,400.00	
Veit, William	do.	1,400.00	2.17
Verduin, F. J.	do.	1,400.00	
Vermilya, Ralph F.	do.	1,392.22	62.86
Waddill, A. T.	do.	1,400.00	
Wagner, Foster A.	do.	1,400.00	
Walch, Chas. I.	do.	1,400.00	
Walch, Clemence C.	do.	1,384.45	47.40
Walkley, S. J.	do.	1,400.00	
Walmer, Morris H.	do.	1,400.00	
Walton, Chas. M.	do.	1,400.00	
Ward, G. R.	do.	1,400.00	
Warner, Geo. D.	do.	1,400.00	23.95
Warren, Robt. E.	do.	770.00	
Watkins, Robt. E.	do.	466.67	
Way, Rexford D.	do.	1,400.00	
Weagly, C. B.	do.	1,400.00	14.15
Weaver, Gilbert S.	do.	1,396.12	
Weber, Henry S.	do.	1,400.00	
Webster, John H.	do.	1,376.67	14.40
Weeks, L. C.	do.	1,396.11	7.66
Wegner, Earl E.	do.	276.11	
Wells, Geo. B.	do.	1,392.22	
Wheeler, Lloyd A.	do.	268.33	
Whiting, Rex A.	do.	1,400.00	
Whitney, Lyle B.	do.	1,345.55	
Wickwire, Garry N.	do.	991.66	
Wilbur, Bert R.	do.	1,400.00	
Williams, Jesse B.	do.	1,400.00	
Willson, F. C.	do.	1,400.00	51.40
Wilson, Howard C.	do.	1,400.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wilson, J. Oscar.	Veterinary inspector, at \$1,400	\$851.66	.....
Wright, Chas. M.	do.	19.44	.....
Wright, Wm. D.	do.	1,400.00	.....
Yenner, B. H.	do.	1,400.00	\$25.30
Yoder, E. C.	do.	1,400.00	.....
Young, Clarence J.	do.	1,400.00	.....
Young, George D.	do.	1,400.00	.....
Zenor, Perry	do.	268.33	.....
Zimmerman, H. E.	do.	1,400.00	.....
Zimmerman, James A.	do.	1,400.00	.....
Zollinger, J. H.	do.	758.34	.....
Zumwalt, Archie R.	do.	575.55	.....
Van Es, L.	Collaborating veterinarian, at \$2.50 per diem.	167.50	526.49
Hoagland, Ralph	Laboratory inspector, at \$1,800	675.00	76.15
Roop, Archer H.	Laboratory inspector, at \$1,800 and \$2,040.	1,940.00	36.80
Swanger, Chas. H.	Laboratory inspector, at \$1,800 and \$1,980.	1,905.00	57.27
Graham, Alex. E.	Laboratory inspector, at \$1,680	1,680.00	.....
Boyer, E. A.	Laboratory inspector, at \$1,620 and \$1,740.	1,690.00	19.20
Colvin, Will P.	Laboratory inspector, at \$1,440	1,440.00	.....
Marsh, Clarence T. N.	Junior laboratory inspector, at \$1,440, and laboratory inspector, at \$1,620.	1,545.00	12.47
Powick, Wilmer C.	Junior laboratory inspector, at \$1,320	1,318.17	.....
Munro, Jos. B.	Under laboratory inspector, at \$1,200	850.00	.....
Ralph, Edward J.	Under laboratory inspector, at \$1,020	993.08	.....
Kershner, Hugh C.	Under laboratory inspector, at \$960 and \$1,200	1,020.00	.....
Conti, Joseph A.	Laboratory helper, at \$840	835.34	2.42
Smith, Wm. B.	Scientific assistant, at \$1,600, and laboratory inspector, at \$1,800.	1,716.66	11.50
Williams, Mary E.	Assistant microscopist, at \$720	710.00	.....
Tunstall, Jennie	Assistant microscopist, at \$600	600.00	.....
Coyle, Thomas	Vessel inspector, at \$1,600	1,600.00	.....
Carter, George	Vessel inspector, at \$1,200	1,200.00	.....
Flannery, James	do.	1,200.00	.....
Sullivan, Wm. J.	do.	1,200.00	28.65
Walsh, Wm. P.	Special agent, at \$2,500	1,458.34	.....
Lyon, Augustus M.	Special agent, at \$3.50 per diem	77.00	.....
O'Brien, Joseph C.	do.	24.50	.....
Behrens, Alfred D.	Meat inspector, at \$1,400	1,400.00	225.50
Brackin, Peter J.	do.	1,400.00	365.31
Byers, John D.	do.	1,400.00	.....
Lee, Frank P.	do.	1,400.00	.....
Plummer, M. T.	do.	1,279.45	.....
Wilkens, Henry	Foreman, meat inspector, at \$1,200	1,200.00	79.67
Benjamin, Frank E.	Meat inspector, at \$1,200	1,200.00	101.93
Burns, Edw. J.	do.	1,200.00	.....
Burroughs, Jas. W.	do.	1,200.00	27.74
Campbell, Pearl W.	do.	1,200.00	22.60
Conklin, Wm. D.	do.	1,200.00	.....
Decker, John W.	do.	1,200.00	56.75
Dixon, Frank T.	do.	1,200.00	23.20
Ferguson, R. B.	Meat inspector, at \$1,200 and \$1,000	1,136.67	25.05
Floy, Art.	Meat inspector, at \$1,200	1,200.00	.....
Fritsch, Fred J.	do.	1,200.00	.....
Garbi, Louis, sr.	do.	1,200.00	.....
Gibson, James	do.	1,200.00	52.34
Gordon, Harris F.	do.	1,200.00	7.90
Heck, Henry M.	do.	1,200.00	.....
Hopkins, Percy R.	do.	1,200.00	87.80
Hughes, James F.	Meat inspector, at \$1,200 and \$1,000	608.33	47.32
Hurley, John	Meat inspector, at \$1,200	1,200.00	.....
Jennings, W. E.	do.	1,200.00	4.75
Lockwood, Wm. M.	do.	1,200.00	.....
Loescher, David, sr.	Meat inspector, at \$1,200 and \$1,000	745.00	43.28
McConville, Frank	Meat inspector, at \$1,200	1,200.00	18.90
McDonough, Jas. H.	Meat inspector, at \$1,200 and \$1,000	1,150.00	111.60
Ochs, John J.	Meat inspector, at \$1,200	1,200.00	.52
Ramsdell, Harry R.	do.	580.00	179.57
Rathman, Fred J.	do.	576.67	.....
Richards, Albert S.	do.	1,200.00	15.15
Riemer, J. F.	do.	1,200.00	9.70

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Saunders, Wm. H.	Meat inspector, at \$1,200.	\$1,200.00	
Smith, Robt. E.	do.	1,200.00	
Snider, Chas. H. P.	do.	1,200.00	\$15.05
Stock, Sebastian	do.	1,200.00	132.56
Sullivan, Chas. G.	do.	1,200.00	31.30
Abbe, Clarence M.	Meat inspector, at \$1,000.	727.77	
Abbott, Everett W.	do.	480.56	
Adams, Wm. H.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	
Albert, Frank A. B.	Meat inspector, at \$1,000.	254.17	
Alden, Chas.	do.	1,000.00	
Alexander, Wm. S.	do.	1,000.00	13.25
Allan, James A.	do.	1,000.00	
Allcutt, C. T.	do.	1,000.00	2.39
Allen, Jeremiah S.	do.	1,000.00	
Allott, Geo. H.	do.	997.22	
Allott, L. J.	do.	1,000.00	13.70
Ammer, Samuel W.	do.	8.33	
Andreas, Oscar	do.	1,000.00	
Andrews, Thos. A.	do.	1,000.00	
Angel, J. F.	do.	1,000.00	
Anthony, Geo. A.	do.	1,000.00	
Anthony, Jas. R.	do.	1,000.00	
Apperson, Jos. E.	do.	1,000.00	
Archer, Ed A.	do.	1,000.00	343.70
Arnett, James B.	do.	1,000.00	3.55
Arnold, Raymond	do.	1,000.00	
Ashcroft, Wm. M.	do.	1,000.00	
Atwell, Frank M.	do.	1,000.00	24.40
Auer, Chas. T.	do.	1,000.00	
Aulds, Thomas	do.	1,000.00	
Avey, Jesse J.	do.	1,000.00	
Bailey, I. H.	do.	1,000.00	
Bailey, Wm. S.	do.	1,000.00	89.55
Bain, Wm. C.	do.	1,000.00	
Baker, Troy H.	do.	1,000.00	17.25
Ballantine, John	do.	1,000.00	33.75
Banker, Richard R.	do.	950.01	
Barclay, Alec.	do.	1,000.00	78.70
Barnaby, Emory F.	do.	19.44	
Barr, Walter S.	do.	1,000.00	
Barranger, Jos. E.	do.	1,000.00	
Barrett, Dennis J.	do.	1,000.00	52.48
Barry, Patrick T.	do.	1,000.00	
Barry, Wm. F.	do.	1,000.00	
Barshfield, Harry R.	do.	1,000.00	
Bateman, Roy L.	do.	1,000.00	46.52
Bauer, John M.	do.	1,000.00	
Bauer, Michael	do.	1,000.00	
Baumeister, Gustav	do.	1,000.00	
Bayler, Theo. M.	do.	211.10	
Beadle, Leonidas L.	do.	1,000.00	
Beatty, Wm. A.	do.	1,000.00	
Beaudette, H. F.	do.	1,000.00	
Bechtel, Charley O.	do.	1,000.00	
Beck, Everett W.	do.	1,000.00	
Beck, Jacob.	do.	672.22	
Beerrer, Wm. L.	do.	952.77	
Bell, Ed A.	do.	1,000.00	
Bennett, John.	do.	894.45	
Benninger, Fred C.	do.	1,000.00	
Benson, Robert	do.	1,000.00	
Bent, Peter J.	do.	994.44	
Berry, Oliver W.	do.	1,000.00	
Berry, Thos. H.	do.	447.22	
Bestwick, F. T.	do.	1,000.00	
Bevins, Joseph F.	do.	1,000.00	
Bierer, Walter S.	do.	1,000.00	
Billington, Wm. J.	do.	1,000.00	
Birce, George	do.	1,000.00	
Birce, Joseph	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bird, Frank J.	Meat inspector, at \$1,000.	\$1,000.00	
Bischof, Julius.	do.	5.56	
Blake, Walter H.	do.	1,000.00	
Blakley, David.	do.	1,000.00	
Bleistein, Wm. F.	do.	1,000.00	
Blowers, W. J.	do.	1,000.00	\$10.66
Blundell, Wm. L.	do.	997.23	
Boals, Thomas M.	do.	1,000.00	
Boatman, Clay.	do.	1,000.00	5.15
Boehm, H. A.	do.	1,000.00	
Boehm, Jos. H.	do.	250.00	
Holden, R. E.	do.	1,000.00	
Booth, Frank.	do.	1,000.00	40.72
Borden, John J.	do.	1,000.00	
Bowman, J. R.	do.	1,000.00	
Boyd, Robert.	do.	1,000.00	
Boyle, C. F.	do.	969.44	372.42
Boyle Herman E.	do.	1,000.00	
Boyle, James.	do.	1,000.00	
Boyle, Oscar S.	do.	1,000.00	
Boyle, Thomas H.	do.	983.34	3.48
Brennan, Anthony P.	do.	1,000.00	
Brennan, John.	do.	1,000.00	26.07
Brennan, Joseph J.	do.	294.44	
Brennan, Michael J.	do.	1,000.00	
Brennan, Thomas A.	do.	1,000.00	14.85
Brenneman, A. C.	do.	1,000.00	
Breslin, T. A.	do.	1,000.00	
Brockhoff, Fredk.	do.	1,000.00	
Brokenshar, Benj.	do.	1,000.00	
Brooks, Marshall D.	do.	1,000.00	
Brooks, Willard H.	do.	1,000.00	
Erophy, Jas. J.	do.	1,000.00	
Brown, Geo. S.	do.	1,000.00	162.66
Brown, James L.	do.	1,000.00	8.66
Brown, Robert E.	do.	1,000.00	
Browne, Wm. F.	do.	1,000.00	
Bruce, John G.	do.	1,000.00	
Bruce, Philip H.	do.	1,000.00	
Bryan, Walter N.	do.	980.56	
Bryant, Levi.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	21.55
Buckley, Michael J.	Meat inspector, at \$1,000.	675.00	
Bucknam, Geo. H.	do.	1,000.00	
Bucknam, W. D.	do.	1,000.00	24.96
Bugele, Geo. T.	do.	1,000.00	
Bull, F. A.	do.	1,000.00	
Burbank, Thos. H.	do.	1,000.00	
Burcham, D. H.	do.	1,000.00	
Burchill, Geo. D.	do.	1,000.00	
Burke, Michael.	do.	1,000.00	
Burkin, Chas. F.	do.	1,000.00	
Burns, Daniel M.	do.	1,000.00	
Busch, Chas. C.	do.	1,000.00	
Busch, J. F.	do.	1,000.00	8.90
Busteed, Henry W.	do.	994.45	
Butler, Chas. M.	do.	1,000.00	
Byrnes, Peter J.	do.	997.23	
Byron, W. J.	do.	500.00	11.15
Callahan, Denis D.	do.	1,000.00	
Callahan, John J.	do.	1,000.00	
Campbell, Chas. M.	do.	1,000.00	
Canniff, John.	do.	1,000.00	
Canty, Patrick E.	do.	640.29	
Carbray, John.	do.	998.61	
Carey, Jeremiah J.	do.	916.66	
Carey, Patrick L.	do.	1,000.00	
Carlgen, Chas. E.	do.	1,000.00	
Carlson, John G.	do.	1,000.00	39.15
Caron, Emory.	do.	1,000.00	
Carpenter, Albert H.	do.	1,000.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Carrigan, Jas. M.	Meat inspector, at \$1,000.	\$1,000.00	
Carroll, Edward M.	do.	1,000.00	
Cartmill, Louis J.	do.	1,000.00	\$21.45
Carver, Edward S.	do.	1,000.00	
Carver, Patrick P.	do.	1,000.00	
Casey, Charles.	do.	1,000.00	
Casey, Robt. M.	do.	250.00	
Casey, Thos. A.	do.	1,000.00	12.20
Casserty, Timothy	do.	1,000.00	
Cervantes, A. A.	do.	745.83	
Chamberlain, Jos. L.	do.	829.16	
Chandler, James L.	do.	1,000.00	
Chapman, W. A.	do.	1,000.00	41.90
Cherniss, David B.	do.	1,000.00	
Ciha, Albert.	do.	1,000.00	
Clancey, Albert J.	do.	1,000.00	
Clancey, S. J.	do.	1,000.00	
Clark, Ed. H.	do.	1,000.00	22.60
Clark, Geo. E.	do.	1,000.00	
Clark, Vernon H.	do.	1,000.00	
Cleary, M. P.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	44.55
Clohessey, Edwin J.	Meat inspector, at \$1,000.	994.45	2.12
Cohn, Isadore.	do.	325.00	
Cole, Chas. C.	do.	1,000.00	
Coleman, David B.	do.	337.50	
Coleman, G. J.	do.	1,000.00	
Collier, Wm. P.	dg.	994.45	
Collins, Dennis.	do.	1,000.00	23.44
Collins, Joseph H.	do.	638.90	
Collins, Patrick (Boston, Mass.).	do.	1,000.00	
Collins, Patrick (Milwaukee, Wis.).	do.	1,000.00	16.65
Collins, Thomas.	do.	1,000.00	
Condon, Peter J.	do.	1,000.00	11.95
Conmee, Wm. J.	do.	1,000.00	401.11
Connelly, Alonzo.	do.	1,000.00	
Connelly, Thomas.	do.	1,000.00	16.15
Connolly, Michael.	do.	1,000.00	
Connor, Michael O.	do.	1,000.00	
Connors, John J.	do.	727.78	
Conrad, Nick.	do.	647.23	
Conway, Patrick J.	do.	1,000.00	
Cook, Elisha B.	do.	1,000.00	
Coombes, Samuel A.	do.	1,000.00	
Coppock, David M.	do.	1,000.00	
Corcoran, Patrick J.	do.	1,000.00	
Cornyn, John J.	do.	1,000.00	
Cossar, Geo. R.	do.	997.23	
Costello, John L.	do.	8.33	
Costello, M. J.	do.	1,000.00	
Cowan, Joseph.	do.	1,000.00	
Crahan, Thos. W.	do.	997.23	
Crandall, Homer E.	do.	1,000.00	
Crawford, Jno. W.	do.	1,000.00	4.53
Crayne, Chas. E.	do.	1,000.00	
Crean, Michael.	do.	1,000.00	
Cregg, Patrick.	do.	373.60	
Creighton, Frank.	do.	1,000.00	
Creighton, George.	do.	1,000.00	
Cronin, John J.	do.	997.22	6.60
Crook, John J.	do.	997.22	3.75
Crow, H. M.	do.	436.11	
Crowley, Jno. T.	do.	1,000.00	
Crowley, Timothy M.	do.	1,000.00	
Crumbaugh, Lawrence W.	do.	266.67	
Cummings, Jas. H.	do.	997.23	
Cummins, Daniel G.	do.	1,000.00	56.31
Cundy, George B.	do.	975.01	
Cunniff, James P.	do.	1,000.00	4.88

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cunningham, B. J.	Meat Inspector, at \$1,000	\$1,000.00	\$5.91
Curless, U. S. G.	do.	1,000.00	
Curran, Joseph J.	do.	1,000.00	12.88
Curran, Patrick J.	do.	1,000.00	
Curran, Thomas.	do.	997.23	
Curry, Clarence.	do.	1,000.00	62.20
Cutler, Harry A.	do.	166.66	
Daley, Dennis J.	do.	1,000.00	
Daley, James A.	do.	1,000.00	9.80
Daley, Jno. J.	do.	1,000.00	
Daly, Joseph J.	do.	1,000.00	
Danner, Henry G.	do.	1,000.00	
Dasback, Harry A.	do.	1,000.00	
Davis, Warren H.	do.	1,000.00	
Davis, Wm. R.	do.	1,000.00	
De Bow, James F.	do.	1,000.00	
Deger, Wm. F.	do.	1,000.00	
Dengler, Chas. L.	do.	1,000.00	
Dennis, Jesse T.	do.	963.89	
Desmond, Timothy J.	do.	1,000.00	
Devany, Peter.	do.	1,000.00	
Devany, Thomas.	do.	902.77	
Devereaux, Jos. W.	do.	1,000.00	
Dickey, Geo. E.	do.	1,000.00	
Dinkelberg, P. J.	do.	1,000.00	
Dischner, Henry.	do.	1,000.00	
Dischner, Jno. E.	do.	991.67	
Dixon, Frank J.	do.	1,000.00	
Dixon, Joseph C.	do.	1,000.00	
Dobler, Robt. J.	do.	1,000.00	17.10
Dockham, Allyn K.	do.	1,000.00	
Doherty, Patrick H.	do.	1,000.00	
Doherty, Richard.	do.	1,000.00	
Donnoskey, H. G.	do.	875.00	
Donahue, James.	do.	1,000.00	
Donahue, Walter J.	do.	1,000.00	9.04
Donnellan, Thomas.	do.	1,000.00	
Donnelly, Saml. J.	do.	1,000.00	3.02
Donovan, James E.	do.	1,000.00	10.45
Donovan, John P.	do.	669.45	232.68
Doody, Wm. E.	do.	997.22	
Downes, Wm. D.	do.	1,000.00	
Doyle, John F.	do.	1,000.00	
Doyle, Patrick F.	do.	1,000.00	40.04
Drout, James E.	do.	1,000.00	
Drown, Chas. S.	do.	1,000.00	
Duclos, Alfred E.	do.	1,000.00	
Duffin, James.	do.	1,000.00	
D'Unger, Claude V.	do.	1,000.00	
Dunlap, Albert A.	do.	27.78	
Dunlop, John J.	do.	1,000.00	
Durfor, Walter.	do.	1,000.00	
Durkin, John P.	do.	102.77	
Dwyer, Frank H.	do.	1,000.00	
Eddy, A. F.	do.	1,000.00	13.92
Eddy, Joseph C.	do.	583.34	43.95
Edinger, H. L.	do.	1,000.00	
Egan, Henry J.	do.	136.11	
Ehrmann, Wendell J.	do.	1,000.00	
Eikerenkotter, E. A.	do.	1,000.00	51.85
Eisenmenger, Louis A.	do.	1,000.00	
Elledge, Charles.	do.	1,000.00	
Enright, Martin W.	do.	1,000.00	43.95
Erler, Gustav A.	do.	1,000.00	
Espenlaub, David F.	do.	1,000.00	
Espey, Wm. H.	do.	994.44	
Esslinger, E. F. G.	do.	1,000.00	
Evans, John G.	do.	1,000.00	
Ewing, Allen J.	do.	1,000.00	
Eyre, Will H.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eyssen, Wm. P.	Meat inspector, at \$1,000	\$308.33	
Fagan, Thomas W.	do.	1,000.00	
Fair, Joseph F.	do.	1,000.00	
Falk, William	do.	955.57	\$64.95
Farrell, J. H.	do.	1,000.00	
Farthing, Clyde L.	do.	1,000.00	6.05
Fassbender, Frank H.	do.	327.77	
Faul, Frank J.	do.	711.10	
Faunce, Chas. S.	do.	1,000.00	5.85
Fegan, James.	do.	1,000.00	74.30
Feick, Henry.	do.	1,000.00	
Feicker, Paul.	do.	1,000.00	12.20
Fein, John H.	do.	1,000.00	
Fennell, Chas. A.	do.	1,000.00	
Ferrin, Chas. A.	do.	1,000.00	
Feucht, Christian.	do.	38.89	
Finnegan, Peter J.	do.	1,000.00	35.15
Fischbeck, Wm. F.	do.	1,000.00	9.27
Fish, Chas. S. B.	Meat inspector, at \$1,000 and \$1,200.	1,062.77	5.75
Fitz Gerald, J. H.	Meat inspector, at \$1,000.	1,000.00	
Fitzgerald, John J.	do.	1,000.00	
Fitzgerald, M. J.	do.	1,000.00	
Fitzpatrick, John A.	do.	1,000.00	
Flaitz, Chas. W.	do.	416.66	
Flannagan, Frank J.	do.	1,000.00	
Fleischhauer, Hugo.	do.	1,000.00	17.41
Fletcher, G. C.	do.	1,000.00	9.77
Flynn, James J.	do.	1,000.00	
Flynn, John M.	do.	980.56	
Fogarty, P. M.	do.	1,000.00	
Foley, Daniel F.	do.	1,000.00	
Foley, Jeremiah F.	do.	963.90	
Follmer, V. E.	do.	997.22	
Folmer, H. Clayton.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	5.08
Folster, Fred W.	Meat inspector, at \$1,000.	1,000.00	
Ford, Daniel A.	do.	1,000.00	
Foreman, Will.	do.	1,000.00	
Fortner, Wm. W.	do.	1,000.00	
Fortune, John J.	do.	1,000.00	
Foster, John E.	do.	1,000.00	
Foster Thos. W.	do.	1,000.00	
Frank, Chas. A.	do.	1,000.00	
Frankel, Max C.	do.	1,000.00	
Franzmann, Peter A.	do.	1,000.00	
Frazer, Harry L.	do.	1,000.00	
French, A. W.	do.	197.22	
Frett, Peter W.	do.	1,000.00	
Frey, Ferdinand.	do.	1,000.00	
Fritts, Jay.	do.	1,000.00	52.60
Fritz, Albert F.	do.	1,000.00	36.40
Fuchs, Ignatz.	do.	1,000.00	
Fulmer, Saml. C.	do.	1,000.00	
Funke, Charlie.	do.	500.00	
Gagner, Alex. L.	do.	955.55	
Gahbreath, Edw. E.	do.	994.45	
Gall, August.	do.	1,000.00	7.54
Gallagher, Hugh J.	do.	1,000.00	
Gallagher, James E.	do.	1,000.00	
Gannon, Joseph.	do.	1,000.00	
Garahan, Joseph.	do.	997.23	
Garland, James T.	do.	1,000.00	9.72
Garrigan, John W.	do.	1,000.00	
Garrity, Michael H.	do.	1,000.00	
Gaston, Wm. D.	do.	1,000.00	
Gaunt, Saml. M.	do.	1,000.00	
Gehring, K. F.	do.	83.33	
George, Edward.	do.	1,000.00	
Gibson, C. R.	do.	1,000.00	21.66
Gibson, Thos. H.	do.	1,000.00	22.99
Gidney, Chas. A.	do.	1,000.00	14.55



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gidney, Walter M.	Meat inspector, at \$1,000	\$1,000.00	
Girten, J. G.	do	1,000.00	
Gladden, Geo. E.	do	1,000.00	
Glas, Edw. A.	do	1,000.00	
Glenn, Perry C.	do	1,000.00	
Gore, Thomas.	do	1,000.00	
Gorman, James.	do	1,000.00	
Gorman, John J.	do	997.22	
Gorsline, A. H.	do	1,000.00	
Gossi, Balthasar.	do	1,000.00	
Gowe, Clarence B.	do	1,000.00	\$7.11
Grace, Frank D.	do	1,000.00	
Grace, Richard.	do	1,000.00	
Graebner, Geo. S.	do	1,000.00	
Graesle, Henry.	do	1,000.00	
Graham, Harry A.	do	1,000.00	
Graham, Leroy B.	do	686.10	
Green, Francis P.	do	1,000.00	
Greene, Arthur W.	do	1,000.00	
Greene, Joseph T.	do	1,000.00	
Greenlaw, W. A.	do	1,000.00	
Gregg, Robert.	do	1,000.00	31.72
Gregory, Chas. A.	do	1,000.00	
Grier, Fred.	do	1,000.00	
Grier, Robt. G.	do	1,000.00	
Grimes, Edw. B.	do	1,000.00	
Grother, Wm. J.	do	1,000.00	
Gruner, J. Peter.	do	1,000.00	
Grunewald, C. L.	do	1,000.00	
Gsell, Anton G.	do	1,000.00	8.97
Guerin, Michael J.	do	1,000.00	
Gunning, Hugh.	do	1,000.00	
Guy, Thomas.	do	1,000.00	78.65
Gyle, Richard W.	do	1,000.00	17.44
Haas, Charles C.	do	988.89	
Hacker, Charles.	do	1,000.00	
Hafner, George.	do	1,000.00	
Hall, Thos. B.	do	1,000.00	
Hall, Willard W.	do	1,000.00	
Hallett, R. C.	do	1,000.00	
Halloran, Patrick J.	do	1,000.00	2.30
Hamilton, Andrew.	do	1,000.00	
Hancock, John.	do	1,000.00	
Hand, Harry E.	do	1,000.00	
Handren, J. S.	do	1,000.00	
Hankinson, R. B.	do	1,000.00	
Hanners, J. W.	do	1,000.00	17.20
Hans, John W.	do	1,000.00	
Hansen, C. N.	do	1,000.00	
Hardy, Thos. R.	do	1,000.00	54.60
Harris, John H.	do	1,000.00	
Harris, John M.	do	1,000.00	
Hart, Pledge J.	do	1,000.00	
Hartman, Max R.	do	502.77	
Hartzel, John W.	do	1,000.00	2.72
Haskins, Geo. A.	do	1,000.00	
Hatch, John W.	do	1,000.00	
Haupt, John A.	do	1,000.00	44.60
Hawkins, Charles O.	do	994.45	
Hawthorne, Jos. J.	do	1,000.00	13.29
Hayes, Michael J.	do	1,000.00	
Hayward, Warren L.	do	963.88	116.31
Hefter, Richard A.	do	1,000.00	
Heiss, John G. H.	do	1,000.00	
Hellmuth, Martin.	do	1,000.00	
Helm, John G.	do	250.00	
Hempey, Oliver P.	do	1,000.00	
Henderson, Frank.	do	288.89	
Hergt, Fredk. W.	do	1,000.00	
Hern, Fred.	do	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Herren, John F.	Meat inspector, at \$1,000.	\$583.33	
Herz, Ludwig A.	do.	443.06	
Herzberg, Fred.	do.	1,000.00	
Hesser, W. H.	do.	1,000.00	
Heyer, Otto L.	do.	352.77	
Higbie, Weston.	do.	527.78	\$23.24
Hilgert, Theo. T.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	30.25
Hill, Eli E.	Meat inspector, at \$1,000.	166.66	
Hilsmann, R. F.	do.	116.66	
Hirsch, Alexander.	do.	869.44	
Hirschel, Isaak.	do.	1,000.00	23.78
Hoag, Marlon A.	do.	1,000.00	
Hoar, John M.	do.	1,000.00	
Hobbs, Saml. P.	do.	1,000.00	
Hodgen, Robt. E.	do.	1,000.00	
Hodgson, John F.	do.	1,000.00	36.10
Hoelzle, Elmer G.	do.	888.89	
Hoffer, Henry.	do.	1,000.00	60.25
Hoffheimer, I. N.	do.	294.44	
Hogan, Thomas F.	do.	80.56	
Hogan, Thos. L.	do.	991.66	
Holmes, Daniel.	do.	1,000.00	2.35
Honnold, N. F.	do.	1,000.00	
Hoopman, Ludwig.	do.	1,000.00	
Hopkins, A. F.	do.	333.33	
Horgan, Patrick.	do.	1,000.00	
Horn, Michael J.	do.	1,000.00	
Houghton, Thos. A.	do.	1,000.00	
Hovey, Silas B.	do.	1,000.00	
Howard, Clarence R.	do.	1,000.00	
Howe, Arthur L.	do.	1,000.00	
Howlett, Louis H.	do.	1,000.00	13.55
Huber, Joseph A.	do.	1,000.00	
Hudson, Frank E.	do.	1,000.00	
Hueben, Frank W.	do.	850.00	
Huggins, Roy.	do.	1,000.00	162.78
Hult, Oscar G.	do.	1,000.00	
Humbert, Geo. W.	do.	1,000.00	9.70
Humphrey, John R.	do.	991.67	
Hurd, M. B.	do.	1,000.00	
Hurley, Daniel P.	do.	1,000.00	
Hurt, Wm. A.	do.	1,000.00	
Hutton, Aubrey T.	do.	1,000.00	
Hyatt, F. A.	do.	983.34	
Hyde, Chas. W.	do.	1,000.00	
Hyde, Patrick H.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	
Hydrick, Geo. L.	Meat inspector, at \$1,000.	1,000.00	291.04
Hyland, Wm.	do.	1,000.00	
Irwin, Wm. J.	do.	997.22	
Jackson, Freeman, H.	do.	1,000.00	
Jackson, Walter.	do.	1,000.00	
Jacobs, Emery A.	do.	1,000.00	
Jacobus, Fred H.	do.	1,000.00	
Jahnke, John.	do.	1,000.00	40.30
James, Ernest R.	do.	1,000.00	
James, Robert L.	do.	1,000.00	31.70
Jennings, John R.	do.	1,000.00	
Jensen, Carl R.	do.	1,000.00	31.35
Jentoft, Fredk. E.	do.	1,000.00	
Jeselsohn, Ralph.	do.	1,000.00	
Johnson, Arthur O.	do.	422.22	
Johnson, Nathan H.	do.	1,000.00	27.50
Jones, Albert.	do.	1,000.00	
Jones, David.	do.	1,000.00	
Jourden, E. M.	do.	922.22	
Joyce, Maurice J.	do.	1,000.00	
Joyce, Thomas.	do.	994.44	
Kahdeman, R. P.	do.	997.23	
Kallen, Myer.	do.	1,000.00	
Kaltwasser, Frank.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kastner, John F.	Meat inspector, at \$1,000.	\$1,000.00	
Kaufmann, Siegfried.	do.	995.83	\$15.81
Kavanagh, B.	do.	1,000.00	
Kavanagh, Peter.	do.	1,000.00	
Kearns, Herbert F.	do.	1,000.00	
Keating, Wm.	do.	1,000.00	61.38
Keefe, David J.	do.	994.45	
Kelleher, Daniel J.	do.	1,000.00	
Kelly, E. J.	do.	972.21	
Kelly, Peter F.	do.	1,000.00	
Kelly, Wm. T.	do.	1,000.00	
Kelting, Henry C.	do.	1,000.00	
Kenneally, James.	do.	997.23	22.30
Kennedy, Henry D.	do.	1,000.00	
Kennedy, John A.	do.	1,000.00	9.47
Kennedy, John E.	do.	1,000.00	
Kennedy, James W.	do.	1,000.00	
Kenney, M. J.	do.	166.66	
Kenny, Patrick.	do.	1,000.00	
Keough, Timothy A.	do.	1,000.00	
Kern, Conrad.	do.	1,000.00	
Kerr, Chas. L. E.	do.	1,000.00	
Kessler, Wm. A.	do.	1,000.00	
Kiely, Daniel B.	Meat inspector, at \$1,000 and \$1,200.	1,083.33	1.10
Kilanoski, Saml. P.	do.	1,000.00	26.88
Killoran, John J.	do.	916.67	
Kindergan, Jas. P.	do.	1,000.00	
King, Herbert J.	do.	1,000.00	
Kirkpatrick, R. H.	do.	1,000.00	
Klenk, Chas.	do.	1,000.00	
Knecht, Chas., Jr.	do.	997.23	
Knepper, A. L.	do.	1,000.00	
Knight, Chas. W.	do.	997.23	
Knobel, John A. D.	do.	1,000.00	15.10
Knodel, William F.	do.	666.66	29.95
Knoehr, C. M.	do.	1,000.00	
Koehler, Adolph G.	do.	194.44	
Koehler, Charles C.	do.	1,000.00	
Kohl, John G.	do.	1,000.00	4.22
Kopp, John C.	do.	1,000.00	41.02
Kramer, Richard H.	do.	1,000.00	
Krehl, Fredk. C.	do.	1,000.00	
Kreith, Jno. A., Jr.	do.	1,000.00	
Kropp, Otto E.	do.	1,000.00	
Krummes, Arthur.	do.	999.99	
Kruse, John Wm.	do.	1,000.00	
Kuenzel, Geo. A.	do.	1,000.00	66.12
Kunsch, Richard L.	do.	1,000.00	
Lane, Daniel.	do.	1,000.00	
Langer, John F.	do.	1,000.00	
Lappin, John C.	do.	1,000.00	
Larimore, Bruce L.	do.	1,083.33	10.30
Lawler, Patrick E.	Meat inspector, at \$1,000.	1,000.00	
Laybourn, Robert.	do.	1,000.00	
Lee, Alfred N.	do.	1,000.00	10.66
Lee, John H.	do.	1,000.00	11.75
Lehmann, Arthur H.	do.	1,000.00	
Lehr, Wm. G.	do.	1,000.00	19.09
Lennon, Edward J.	do.	36.11	
Lewinson, Louis.	do.	1,000.00	
Lewis, Daniel.	do.	1,000.00	
Lightner, Chas. P.	do.	969.44	
Lincoln, Geo. B.	do.	958.33	11.95
Lindenberger, G. F.	do.	1,000.00	
Lindsay, Edmund A.	do.	972.23	
Lirely, Wm. H.	do.	1,000.00	
Lobdell, Grosvenor.	do.	972.22	
Loeble, August.	do.	1,000.00	
Long, Wm. J.	do.	1,000.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$2,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lunkley, Nick.	Meat inspector, at \$1,000.	\$1,000.00	\$4.53
Lunt, John W.	do.	1,000.00	
Lutz, Chas. H.	do.	1,000.00	
Lynch, Thos. S.	do.	1,000.00	
Lyne, Jeremiah D.	do.	1,000.00	
Lynn, John F.	do.	1,000.00	62.45
Lyons, Harvey E.	do.	499.99	
McCabe, James L.	do.	997.23	
McCarthy, Denis.	do.	1,000.00	
McCarthy, James.	do.	994.45	
McCarthy, Timothy.	do.	750.00	
McCarty, W. F.	do.	1,000.00	8.40
McCaslin, Bert L.	do.	1,000.00	
McClelland, Will C.	do.	1,000.00	5.05
McClure, Thos. H.	do.	1,000.00	17.45
McCormack, B.	do.	1,000.00	
McDonald, Francis J.	do.	1,000.00	
McDonough, James E.	do.	1,000.00	
McDonough, John F.	do.	719.44	40.50
McEvoy, Howard S.	do.	1,000.00	
McFall, Alex. J.	do.	1,000.00	7.71
McFarland, Joseph.	do.	1,000.00	
McGahey, James.	do.	1,000.00	
McGehee, Louis H.	do.	1,000.00	
McGrath, Edw. H.	do.	1,000.00	
McIntyre, Aloysius.	do.	1,000.00	
McIntyre, Chas. I.	do.	1,000.00	
McKee, Hugh K.	do.	547.22	
McKee, James.	do.	1,000.00	
McKelvey, R. M.	do.	1,000.00	
McKernan, Daniel J.	do.	1,000.00	6.60
McLean, Herbert T.	do.	1,000.00	9.65
McLean, James B.	do.	1,000.00	
McLeish, Alexander.	do.	997.23	
McLeister, Wm. J.	do.	405.55	
McLennan, R. J.	do.	913.89	13.75
McLeod, Walter S.	do.	1,000.00	5.35
McMillan, Alexis U.	do.	1,000.00	
McMullen, Wm. F.	do.	1,000.00	
McMullin, Thos. J.	do.	1,000.00	
McMullin, Wm.	do.	1,000.00	
McNamara, John J.	do.	1,000.00	
McNaughton, Wm.	do.	1,000.00	
McShane, John E.	do.	1,000.00	
McSwiggan, Dan.	do.	1,000.00	9.77
McWilliams, John.	do.	1,000.00	
Macdonald, Burt K.	do.	1,000.00	13.55
Maguire, Dennis R.	do.	1,000.00	49.00
Mahaney, Thos. B.	do.	1,000.00	
Maher, Jos. P.	do.	1,000.00	
Mahoney, Edward.	do.	1,000.00	
Mallen, Ole L.	do.	995.83	
Mallory, Elmer T.	do.	1,000.00	
Malone, E. J.	do.	1,000.00	2.65
Malone, Edward P.	do.	741.66	
Mann, David F.	do.	1,000.00	
Mann, Kemp P.	do.	1,000.00	
Manning, Michael.	do.	1,000.00	
Manuel, Loyd D.	do.	1,000.00	
Markland, John J.	do.	1,000.00	
Marshall, Chas. A.	do.	1,000.00	
Marshall, Frank R.	do.	991.68	
Martin, Alvin L.	do.	1,000.00	52.35
Martineau, Claude H.	do.	1,000.00	158.25
Matteson, Seth A.	do.	1,000.00	
Matthews, J. K.	do.	1,000.00	
May, Herman A.	do.	1,000.00	
Mayer, Albert C.	do.	1,000.00	
Meader, Herman E.	do.	505.56	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mellen, Geo. H.	Meat inspector, at \$1,000	\$1,000.00	
Melly, Geo. L.	do.	1,000.00	
Melvin, Joe.	do.	1,000.00	\$5.30
Merwick, Edward.	do.	236.10	
Merwick, Wm.	do.	1,000.00	
Metz, John F.	do.	1,000.00	10.30
Metz, William.	do.	1,000.00	
Metzger, Geo. C.	do.	1,000.00	
Miller, Archie.	do.	1,000.00	
Miller, E. J.	do.	1,000.00	
Miller, Edward P.	do.	1,000.00	
Miller, Frederick.	do.	1,000.00	5.40
Miller, Harry L.	do.	1,000.00	10.58
Miller, James C.	do.	1,000.00	
Miller, Roy W.	do.	1,000.00	
Miller, Wm. S.	do.	997.22	
Minard, Geo. S.	do.	1,000.00	
Mitchell, Michael.	do.	980.56	
Mitzel, Hal J.	do.	1,000.00	
Mohr, Joseph.	do.	1,000.00	
Molloy, John J. (Brooklyn)	do.	1,000.00	1.90
Molloy, J. J. (Chicago).	do.	1,000.00	
Moon, Roddy K.	do.	1,000.00	4.86
Moore, David.	do.	1,000.00	24.40
Moore, James M.	do.	1,000.00	
Moore, Jno. J. (New York).	do.	127.77	
Moore, Jno. J. (Indianapolis).	do.	1,000.00	26.05
Moore, Wm.	do.	1,000.00	
Moore, Wm. A.	do.	1,000.00	6.05
Moran, John A.	do.	1,000.00	
Moran, Michael J.	do.	1,000.00	
Morgan, James J.	do.	1,000.00	
Morgan, Wm. R.	do.	1,000.00	
Morley, Fred A.	do.	986.10	
Morris, David T.	do.	1,000.00	47.40
Morrissey, John H.	do.	997.23	
Morton, Fred B.	do.	1,000.00	
Mosier, Chas. B.	do.	388.89	82.28
Mulcahy, Patrick J.	do.	1,000.00	7.20
Mullin, Thos. F.	do.	1,000.00	
Mulvey, Thomas.	do.	961.11	
Munn, John E.	do.	1,000.00	10.20
Murphy, James H.	do.	1,000.00	
Murphy, Patrick H.	do.	1,000.00	
Murray, Clarence F.	do.	1,000.00	
Murray, Henry T.	do.	1,000.00	
Myers, Ira. M.	do.	1,000.00	
Myers, Wm. H.	do.	1,000.00	
Mytinger, A. E.	do.	1,000.00	
Nash, Richard.	do.	1,000.00	
Neely, Robert J.	do.	1,000.00	
Nehls, William.	do.	1,000.00	
Neill, John.	do.	1,000.00	
Neville, Daniel.	do.	1,000.00	
Newton, Thomas E.	do.	1,000.00	
Neyer, Bernard L.	do.	1,000.00	
Nichols, Patrick J.	do.	1,000.00	
Nichols, Wm. B.	do.	1,000.00	
Nicholson, Chas. O.	do.	1,000.00	49.45
Niven, George.	do.	416.66	
Noone, Thomas.	do.	1,000.00	
Norris, David F.	do.	991.67	
Norris, Wilford H.	do.	1,000.00	
Norton, Frank P.	do.	1,000.00	
Nowlan, Frank P.	do.	1,000.00	77.49
Nugent, Michael J.	do.	1,000.00	
Nutto, Louis.	do.	1,000.00	
O'Brien, Daniel F.	do.	1,000.00	
O'Brien, John A.	do.	1,000.00	10.80
O'Connell, Daniel.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
O'Connell, Daniel A.	Meat inspector, at \$1,000.	\$1,000.00	
O'Connell, Michael J.	do.	1,000.00	
O'Connor, John	do.	1,000.00	
O'Connor, John J.	do.	1,000.00	
O'Grady, James.	do.	1,000.00	
O'Hanlon, Barney.	do.	980.56	
O'Hara, James.	do.	1,000.00	
O'Hern, James F.	do.	1,000.00	
Olson, William.	do.	1,000.00	
O'Malley, Patrick.	do.	1,000.00	
Opal, John A.	do.	1,000.00	
Ormord, David W.	do.	1,000.00	
Osfeld, Frank B.	do.	1,000.00	
O'Shonesy, Thomas.	do.	1,000.00	
Page, Fred.	do.	1,000.00	\$14.55
Page, Geo. A.	do.	1,000.00	
Pahlman, John R., jr.	do.	1,000.00	
Palm, Edward A.	do.	1,000.00	
Palmer, Tyler A.	do.	1,000.00	
Palmer, Willis A.	do.	1,000.00	
Parker, Frank.	do.	1,000.00	
Parker, William J.	do.	563.87	68.60
Parks, Thos. C.	do.	994.45	
Parrent, James E.	do.	955.55	16.40
Parsons, Sidney J.	do.	1,000.00	
Paull, Wm. L.	do.	1,000.00	5.70
Pawly, Frank.	do.	1,000.00	
Payne, A. D.	do.	1,000.00	24.50
Pemberton, Henry W.	do.	1,000.00	
Pendery, De Witt C., jr.	do.	1,000.00	
Perry, Ralph W.	do.	1,000.00	
Peters, Harry T.	do.	784.43	
Peters, John.	do.	1,000.00	
Peterson, Albert.	do.	1,000.00	
Pettengill, Homer E.	do.	1,000.00	
Pettit, Clark R.	do.	1,000.00	2.15
Pfeiffer, Frank W.	do.	613.89	36.60
Phillips, Fillmore.	do.	1,000.00	
Pierce, Fred M.	do.	1,000.00	7.71
Pierson, Carl M.	do.	950.00	
Pigott, Andrew.	do.	1,000.00	
Pinger, Wm. R.	do.	1,000.00	
Piper, Frank.	do.	1,000.00	
Pironi, Leon James.	do.	1,000.00	
Pontious, Frank L.	do.	1,000.00	
Potrykus, Joseph.	do.	1,000.00	
Potter, Harlow G.	do.	991.67	33.65
Potts, Lannie.	do.	1,000.00	
Powell, Frank S.	do.	997.23	
Powers, John Thos.	do.	1,000.00	
Priller, Fred W.	do.	1,000.00	
Pritchard, Walter R.	do.	1,000.00	
Proetz, Henry W.	do.	1,000.00	
Puletz, John W.	do.	1,000.00	
Purviance, Austin E.	do.	1,000.00	
Putman, Emory.	do.	1,000.00	50.25
Quigley, Walter F.	do.	1,000.00	
Quincy, Thomas E.	do.	1,000.00	
Quinlan, Perry D.	do.	1,000.00	
Quinn, John.	do.	1,000.00	7.69
Quinn, John T.	do.	1,000.00	80.60
Quinn, Richard J.	do.	991.66	
Quirk, John J.	do.	1,000.00	4.41
Rafferty, John E.	do.	1,000.00	
Rafferty, Patrick.	do.	713.89	
Rathman, Geo. A.	do.	1,000.00	
Raven, John, jr.	do.	1,000.00	
Razer, Frank.	do.	1,000.00	
Reardon, William.	do.	1,000.00	91.35
Rector, Martin L.	do.	1,000.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name. *	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Redden, Wm. J.	Meat inspector, at \$1,000.	\$1,000.00	
Reed, Ernest L.	do.	1,000.00	
Reed, E. Manford.	do.	1,000.00	
Reidy, Martin C.	do.	1,000.00	
Reiness, Hajo H.	do.	1,000.00	
Reisser, Michael.	do.	816.66	\$12.60
Rhodes, Julius J.	do.	1,000.00	
Richards, Frank D.	do.	1,000.00	34.75
Richards, Wm.	do.	1,000.00	13.60
Richardson, David T.	do.	1,000.00	
Richardson, Wm. L.	do.	1,000.00	13.52
Richmond, Marcus P.	do.	1,000.00	
Richter, Sprigg C.	do.	1,000.00	
Ring, Frank D.	do.	980.56	
Roach, James.	do.	1,000.00	
Roach, Marcus S.	do.	1,000.00	2.37
Roberts, Ishmael.	do.	1,000.00	80.70
Robinson, Chas. M.	do.	1,000.00	6.20
Robinson, Mark.	do.	1,000.00	19.62
Robinson, Matthew.	do.	227.77	
Robinson, Wm.	do.	1,000.00	
Rogenmoser, Chas. J.	do.	1,000.00	
Rodgers, Arthur W.	do.	997.23	
Rogers, Patrick J.	do.	1,000.00	
Rohwedder, John H.	do.	1,000.00	
Roscher, Ernest.	do.	1,000.00	
Roth, Gustav F.	do.	1,000.00	22.25
Royer, Lewis D.	do.	1,000.00	5.05
Ruehlmann, Adam.	do.	1,000.00	
Rumming, Wm. J.	do.	1,000.00	
Russell, Daniel.	do.	1,000.00	
Russell, Wm. J.	do.	1,000.00	4.11
Ryan, John F. J.	do.	1,000.00	
Ryan, Stephen D.	do.	1,000.00	6.87
Ryan, Thomas E.	do.	988.89	
Sabourin, N. M.	do.	583.33	21.95
Sachse, Herman F.	do.	1,000.00	
Sahland, Julius E.	do.	1,000.00	13.45
St. Clair, Wm. N.	do.	669.44	
Salmon, John P.	do.	1,000.00	1.00
Salmon, Michael F.	do.	1,000.00	
Samson, Eugene H.	do.	1,000.00	
Sanderson, Owen M.	do.	1,000.00	
Sandvoss, Henry.	do.	1,000.00	9.30
Sandy, James Thomas.	do.	1,000.00	7.15
Sarbinowski, Chas. I.	do.	1,000.00	
Sartor, Scott.	do.	1,000.00	
Saunders, Ora O.	do.	1,000.00	
Saunders, Wm. H.	do.	991.66	
Sayers, Clinton H.	do.	927.77	
Schade, Robert.	do.	1,000.00	5.05
Schafer, George J.	do.	1,000.00	
Scharz, David.	do.	994.45	
Schaub, Emil C.	do.	1,000.00	
Schell, Gustave A.	do.	375.00	43.45
Shenkalowski, J. A.	do.	1,000.00	
Schmidt, Raymond R.	do.	1,000.00	
Schneider, Fredk. W. A.	do.	1,000.00	1.31
Schneider, Peter.	do.	1,000.00	
Schniep, Jos. A.	do.	1,000.00	
Schoenleber, A. C.	do.	1,000.00	
Schoenleber, Wm.	do.	997.23	49.44
Schultz, Charles.	do.	1,000.00	
Schultz, Emil E.	do.	1,000.00	
Schuyler, Saml. E.	do.	1,000.00	
Schwab, Wm. F.	do.	1,000.00	
Schwarz, John R.	do.	825.00	
Seaton, Thomas.	do.	936.10	
Selby, Chas. C.	do.	1,000.00	
Sell, Benjamin.	do.	997.23	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Severance, W. A.....	Meat inspector, at \$1,000.....	\$997.23	.....
Sexton, John J.....	do.....	1,000.00	.....
Shackleford, W. O.....	do.....	1,000.00	\$173.55
Shafer, John C.....	do.....	1,000.00	.....
Shaffer, Harry L.....	do.....	1,000.00	76.50
Shaw, Herbert F.....	do.....	1,000.00	.....
Shay, James J.....	do.....	1,000.00	.....
Shea, Dennis.....	do.....	933.33	.....
Shea, John F.....	do.....	1,000.00	.....
Sheehan, Chas. W.....	do.....	1,000.00	67.75
Sherry, John.....	do.....	91.67	.....
Shields, Erastus P.....	do.....	1,000.00	27.50
Shiells, Hugh.....	do.....	1,000.00	.....
Sievert, Theo. J.....	do.....	1,000.00	17.70
Simons, John P.....	do.....	777.79	.....
Simpson, George D.....	do.....	1,000.00	.....
Simpson, William.....	do.....	1,000.00	.....
Slattery, Cornelius.....	do.....	1,000.00	.....
Sloan, David.....	do.....	1,000.00	.....
Sloan, John.....	do.....	1,000.00	.....
Smart, Hugh C.....	do.....	1,000.00	4.05
Smiley, Wm. H.....	do.....	1,000.00	.....
Smith, Charles J.....	do.....	1,000.00	166.65
Smith, Edward.....	do.....	1,000.00	.....
Smith, Geo. L.....	do.....	1,000.00	.....
Smith, John.....	do.....	1,000.00	.....
Smith, Joseph W.....	do.....	1,000.00	94.05
Smith, Lewis F.....	do.....	1,000.00	.....
Smith, Samuel.....	do.....	1,000.00	.....
Smith, Wm. H.....	do.....	988.89	.....
Smothers, Jos. A.....	do.....	1,000.00	.....
Smythe, Jos. W.....	do.....	91.66	.....
Somerville, Wm. E.....	Meat inspector, at \$1,000 and \$1,200.....	1,025.00	131.02
Spangler, Wm. A.....	Meat inspector, at \$1,000.....	1,000.00	.....
Sparling, Homer L.....	do.....	1,000.00	.....
Specht, Jacob.....	do.....	1,000.00	.....
Spencer, S. C.....	do.....	776.38	8.25
Spiegelberger, H.....	do.....	1,000.00	.....
Spraul, Edwin.....	do.....	1,000.00	.....
Stadler, August C.....	do.....	1,000.00	.....
Stadler, Martin.....	do.....	1,000.00	.....
Stamm, Henry.....	do.....	1,000.00	.....
Stanley, Arthur H.....	do.....	1,000.00	.....
Stanley, Chas. A.....	do.....	1,000.00	.....
Stearns, George J.....	do.....	700.00	.....
Steele, James P.....	do.....	1,000.00	136.55
Stephens, James F.....	do.....	1,000.00	.....
Sterrett, Wm. H.....	do.....	1,000.00	9.00
Stevens, Arthur H.....	do.....	1,000.00	.....
Stevens, Simon G.....	do.....	1,000.00	.....
Stevenson, Harry H.....	do.....	641.66	.....
Stewart, James S.....	do.....	1,000.00	.....
Sticht, John.....	do.....	1,000.00	.....
Stiffler, Jas. F.....	do.....	1,000.00	35.85
Stosberg, R. R.....	do.....	1,000.00	.....
Stout, Omer F.....	do.....	1,000.00	.....
Stout, Wm. W.....	do.....	1,000.00	.....
Stratton, Harry H.....	do.....	1,000.00	.....
Stratton, John J.....	do.....	227.77	.....
Strauss, Wm.....	do.....	1,000.00	.....
Stubbs, Sherman C.....	do.....	1,000.00	.....
Sullivan, Timothy J.....	do.....	977.78	31.99
Sullivan, Wm. D.....	do.....	1,000.00	211.02
Swan, Charley J.....	do.....	994.44	5.33
Sweeney, Peter M.....	do.....	1,000.00	.....
Sweet, James.....	do.....	1,000.00	.....
Swisher, Frank P.....	do.....	1,000.00	.....
Tawney, Oliver M.....	do.....	1,000.00	.....
Taylor, Richard A.....	do.....	1,000.00	.....
Tebbens, C. J.....	do.....	1,000.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Tebbens, Henry	Meat inspector, at \$1,000	\$1,000.00	
Thamann, J. H.	do	1,000.00	\$38.30
Thiem, E. B.	do	1,000.00	9.92
Thomas, Leslie L.	do	1,000.00	
Thomas, Wm. N.	do	216.66	
Thompson, James K.	do	166.66	
Thompson, John D.	do	1,000.00	46.25
Thompson, Wm.	do	1,000.00	
Thomson, George	do	1,000.00	
Thornton, Martin B.	do	1,000.00	14.70
Tillery, E. A.	do	1,000.00	
Tindall, W. S.	do	1,000.00	63.40
Titcomb, Geo. A., jr.	do	216.66	
Toomey, Dennis J.	do	1,000.00	
Tracy, John M.	do	998.62	
Trafton, Alonzo H.	do	1,000.00	
Trail, Chas. J.	do	1,000.00	
Traver, Dolph.	do	761.12	
Traynor, Hugh F.	do	1,000.00	
Tregay, William	do	1,000.00	
Trigg, Henry E.	do	1,000.00	
Tritle, Fredk. L.	do	1,000.00	
Tucker, Frank S.	do	1,000.00	
Tucker, Geo. F.	do	858.33	
Tuke, W. F.	do	997.22	
Turner, Frank W.	do	1,000.00	
Veach, Thos. N.	do	1,083.33	47.00
Vercias, Robt. C.	do	1,000.00	39.15
Viezens, Paul.	do	975.01	
Vogelman, John.	do	1,000.00	
Volz, Wm. F.	do	1,000.00	
Voss, Freadrich.	do	1,000.00	
Wagner, Jesse A.	do	1,000.00	
Wakefield, E. H.	do	1,000.00	
Walker, Ernest L.	do	1,000.00	
Wall, Claude M.	do	1,000.00	
Walsh, Jos. J.	do	1,000.00	
Walsh, Patrick	do	1,000.00	
Walsh, Stephen P.	do	1,000.00	
Walsh, Thos. W.	do	1,000.00	
Wandel, Adolph C.	do	1,000.00	
Ward, Edmund W.	do	1,000.00	
Washburn, Walter E.	do	1,000.00	1.80
Watkins, Wallace C.	do	597.22	
Watson, Michael F.	do	1,000.00	
Watt, Chas. C.	do	1,000.00	
Weed, Ralph P.	do	1,000.00	
Wegner, Wm. H.	do	1,000.00	
Wehner, John A.	do	972.22	
Weil, Gabriel.	do	1,000.00	
Weisert, Edw. J.	do	1,000.00	38.45
Weiss, Joseph J.	do	1,000.00	
Welch, Harry F.	Meat inspector, at \$1,000, and assistant, at \$840.	136.11	
Welden, Arthur E.	Meat inspector, at \$1,000.	647.23	
Wellinger, George C.	do	1,000.00	
Wentworth, James A.	do	1,000.00	12.45
West, Walter M.	do	1,000.00	
Weston, James.	do	1,000.00	
Wetzel, Charles A.	do	1,000.00	
Whalin, Chas. V.	do	1,000.00	
Whisman, Otto H.	do	633.34	
White, Fredk. W.	do	1,000.00	
White, James T.	do	1,000.00	
White, Richard A.	do	1,000.00	
Whitney, James M.	do	1,000.00	
Wieggers, John H.	do	1,000.00	
Williams, William.	do	1,000.00	
Willie, M. W.	do	1,000.00	
Wilson, Albert H.	do	1,000.00	16.60
Wilson, Geo. H.	do	1,000.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wilson, Robt. H.	Meat inspector, at \$1,000.	\$1,000.00	
Wilson, Wm. J.	do.	1,000.00	
Wiltshire, Albert.	do.	1,000.00	\$26.95
Wolfe, John C.	do.	1,000.00	
Wolff, Frederick.	do.	994.45	
Wollmershauser, A. G.	do.	1,000.00	
Wollmershauser, J. A., jr.	do.	1,000.00	
Wolverton, Thos. J.	do.	350.00	41.35
Woods, Ambrose H.	do.	1,000.00	151.90
Woolsey, Cardinal W.	do.	1,000.00	
Worth, Geo. A.	do.	1,000.00	
Wright, Davis H.	do.	1,000.00	
Yoon, John H.	do.	1,000.00	
Young, George A.	do.	1,000.00	13.46
Young, Henry W.	do.	1,000.00	
Youngs, Robt.	do.	1,000.00	
Ziegler, Frank G.	do.	1,000.00	
Ziegler, John.	do.	1,000.00	9.00
Zimmermann, John	do.	1,000.00	
Zofkie, Chas. F.	do.	1,000.00	
Zollner, Chas. M.	do.	1,000.00	
Huxley, W. J.	Meat inspector, at \$840.	840.00	
Adams, Chas.	Stock examiner, at \$1,200.	1,183.33	
Adams, Norman R.	do.	1,200.00	
Alton, Daniel R.	do.	1,200.00	
Baumel, Henry.	do.	1,200.00	
Bell, E. W.	do.	906.67	
Benton, Walter D.	do.	1,200.00	
Best, George.	do.	1,200.00	
Bibb, A. G.	do.	1,076.67	
Bone, C. C.	do.	1,200.00	
Bruton, A. R.	do.	1,200.00	
Burdick, H. D.	do.	1,200.00	
Burgess, William.	do.	1,200.00	
Butterfass, Jacob F.	do.	1,200.00	
Byrd, Oliver W.	do.	1,200.00	
Campbell, Chas. E.	do.	1,200.00	
Carney, Jas. W.	do.	1,200.00	
Cathel, Geo. T.	do.	1,200.00	
Chamberlin, Chas. J.	do.	1,200.00	
Cherrington, Wm. P.	do.	140.00	
Clark, Thos. G.	do.	1,200.00	
Cramer, Chas. F.	do.	1,200.00	80.25
Cunningham, Bernard.	do.	1,200.00	
Dufficy, J. J.	do.	1,200.00	
Eichstaedt, Jacob J.	do.	1,200.00	
Elmer, Charles.	do.	1,200.00	
Ewing, F. A.	do.	1,000.00	
Farley, David S.	do.	1,200.00	
Flora, Josiah D.	do.	1,200.00	
Flynn, W. T.	do.	1,200.00	
Foley, Wm.	do.	1,200.00	
Fox, Jacob.	do.	1,200.00	
Franklin, Geo. A.	do.	1,200.00	
Frisch, David.	do.	1,166.67	
Gardner, James.	do.	1,190.00	
Garlick, Wm. B.	do.	1,200.00	
Gerrish, James L.	do.	1,200.00	
Gobble, Washington.	do.	1,200.00	
Granger, Dighton.	do.	1,200.00	
Haggerty, John J.	do.	1,196.67	
Hanton, Geo. T.	do.	1,200.00	220.49
Harpst, William.	do.	1,200.00	
Herriman, James.	do.	1,200.00	
Hickey, W. P.	do.	1,200.00	
Hiller, Christian.	do.	1,200.00	
Jacobson, John.	do.	1,200.00	
Jerome, Hiram.	do.	600.00	
Jordan, Joseph F.	do.	1,200.00	
Kelly, John F.	do.	1,200.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kenneally, Jas. S.	Stock examiner, at \$1,200.	\$1,200.00	
Kidder, Julius	do.	1,200.00	
Knee, Ira F.	do.	1,200.00	
Kochanowski, R.	do.	1,200.00	
Koontz, Geo. W.	do.	1,200.00	
Libby, Thomas M.	do.	990.00	
Lyman, R. E.	do.	1,200.00	
McLeland, Thos. A.	do.	1,200.00	
Madden, Michael J.	do.	1,200.00	
Massie, John C.	do.	1,200.00	
Miller, Arthur E.	do.	1,200.00	
Morley, Henry	do.	1,200.00	
Mowrer, Wm. E.	do.	930.00	
Murphy, Jas. A.	do.	1,200.00	
Murphy, John	do.	1,200.00	
Newton, Harrison L.	do.	1,200.00	
O'Brien, Terence	do.	1,200.00	\$1.30
O'Keefe, M.	do.	1,196.67	
O'Neill, Frank	do.	1,200.00	
O'Rourke, Arthur J.	do.	1,200.00	
Oshel, Thos. W.	do.	1,200.00	
Payne, Jacob I.	do.	1,200.00	
Pepperman, A. N.	do.	896.66	48.33
Ptacek, Walter S.	do.	1,200.00	
Quirk, Michael J.	do.	800.00	
Richardson, J. H.	do.	1,110.00	
Rieman, Henry L.	do.	1,200.00	
Rowse, Chas. W.	do.	1,200.00	
Rue, Ernest E.	do.	1,200.00	
Ryan, John J.	do.	1,200.00	
Sargent, Linus E.	do.	1,200.00	
Sarsfield, J. W.	do.	1,200.00	71.25
Schafer, Cecil K.	do.	520.00	
Schauer, Henry	do.	1,200.00	
Schiermann, Jno. F.	do.	773.33	
Schroeder, Frank	do.	1,200.00	
Simpson, Fredk. L.	do.	1,200.00	
Sine, J. B.	do.	330.00	
Smith, Philip	do.	1,196.67	
Sowers, Sylvester S.	do.	1,200.00	
Stephens, Edwin E.	do.	1,200.00	
Stoner, Walter E.	do.	1,200.00	4.30
Timmons, Wm. H.	do.	1,200.00	
Tippett, Wm. T.	do.	1,090.00	
Trainer, John	do.	1,200.00	
Turner, Jos. M.	do.	1,200.00	
Upton, Wallace L.	do.	1,200.00	
Wade, T. J.	do.	1,200.00	
Wampler, James W.	do.	1,200.00	
Watson, Arda	do.	1,200.00	
Weller, H. B.	do.	1,196.67	
Wheeler, D. N.	do.	1,200.00	
Williams, Harvey D.	do.	1,200.00	
Winnie, D. A.	do.	1,200.00	
Akin, L. C.	Stock examiner, at \$1,000.	1,000.00	
Bagshaw, Kenzie S.	do.	1,000.00	
Baldwin, Wm. A.	do.	1,000.00	
Berry, Winfield E.	do.	1,000.00	
Brown, John W.	do.	997.23	
Burkard, Jacob	do.	1,000.00	
Burton, J. W.	do.	994.45	
Carlton, F. E.	do.	833.33	
Chapin, A. C.	do.	1,000.00	
Churchill, W. E.	do.	1,000.00	
Crandall, W. W.	do.	750.00	1.40
Cunningham, N. G.	do.	1,000.00	
Curtis, Chester J.	do.	1,000.00	
Doyle, Wm. J.	do.	522.22	
Dreyer, Lewis S.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Durkee, Jno. R.	Stock examiner, at \$1,000	\$1,000.00	
Edmond, C. S.	do.	1,000.00	
Ewing, John L.	do.	1,000.00	
Fahrenbach, F. A.	do.	1,000.00	
Feighner, John E.	do.	1,000.00	
Fenstermacher, L. S. A.	do.	644.44	\$28.87
Fila, Frank.	do.	997.23	
Forbes, Walter A.	do.	1,000.00	
Ford, James.	do.	1,000.00	
Fowkes, Albert.	do.	1,000.00	
Frantz, Will A.	do.	1,000.00	
Frick, W. C.	do.	988.88	
Garrity, Jno. J.	do.	1,000.00	
Glover, Edw. K.	do.	219.44	
Grant, Geo. K.	do.	1,000.00	16.31
Hall, W. E.	do.	1,000.00	
Hansen, Thomas.	do.	1,000.00	
Harrington, T. H.	do.	1,000.00	
Healy, Frank A.	do.	1,000.00	
Hendricks, Frank.	do.	1,000.00	
Herlinger, Frank H.	do.	197.22	
Herron, F. P.	do.	1,000.00	
Hersey, Walter H.	do.	1,000.00	
Hoerner, Geo. J.	do.	1,000.00	2.75
Hogan, Edward P.	do.	869.44	
Holland, Jeremiah.	do.	1,000.00	
Howard, De Lannes.	do.	1,000.00	2.10
Hoyt, Seymour R.	do.	1,000.00	
Humphrey, M. E.	do.	1,000.00	39.51
Hutchinson, Chas. B.	do.	1,000.00	
Irving, Artemus.	do.	1,000.00	
Jaqua, Geo. E.	do.	1,000.00	
Kellner, Aaron F.	do.	1,000.00	
Kling, Myron H.	do.	1,000.00	
Knipple, Robt. G.	do.	1,000.00	
Lauck, Edw. C.	do.	569.44	
Lee, Arthur J.	do.	1,000.00	
Leyser, Jeremiah C.	do.	916.67	
Lint, Henry M.	do.	1,000.00	
Luepke, John F.	do.	1,000.00	
McDonald, Donald.	do.	1,000.00	
McDonald, James.	do.	1,000.00	
McGill, James L.	do.	1,000.00	
McGuire, Wm. R.	do.	1,000.00	
McKinstry, Charles.	do.	1,000.00	
McLaughlin, P. S.	do.	1,000.00	
McPartland, P. J.	do.	1,000.00	
Mackut, Frank.	do.	1,000.00	
Mahana, R. M.	do.	1,000.00	
Mahoney, Arthur A.	do.	1,000.00	
Messemmer, Geo.	do.	1,000.00	
Murphy, Wm. H.	do.	166.66	
Noonan, Thomas.	do.	986.11	
Pagle, Chas. W., jr.	do.	1,000.00	
Pollitt, Frank E.	do.	1,000.00	
Purcell, John, jr.	do.	1,000.00	
Quinn, Matthew.	do.	997.22	
Rarey, M. J.	do.	1,000.00	
Risley, Samuel A.	do.	1,000.00	
Sawtell, Joseph E.	do.	1,000.00	6.60
Schmitt, Casper J.	do.	1,000.00	
Schumacher, Geo. E.	do.	1,000.00	
Shale, Solomon C.	do.	1,000.00	
Shannon, John D.	do.	1,090.00	
Shannon, John W.	do.	1,000.00	
Sharp, Guy A.	do.	1,000.00	
Shipp, Frank L.	do.	988.89	
Smith, Edward M.	do.	1,000.00	
Smith, Samuel T.	do.	1,000.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stumpf, Louis N.	Stock examiner, at \$1,000	\$1,000.00	
Valentine, Saml. I.	do.	1,000.00	
White, Thomas A.	do.	1,000.00	
White, Timothy P.	do.	1,000.00	
Wood, G. W.	do.	899.99	
Wright, Isaac H.	do.	1,000.00	
Adams, Ethan.	Stock examiner, at \$900	900.00	\$4.52
Atchison, John L.	do.	900.00	
Botteron, F. A.	do.	900.00	
Burke, Geo. C.	do.	712.50	
Caudy, W. M.	do.	217.50	
Gjertson, Albert G.	do.	900.00	
Gove, Arthur W.	do.	900.00	49.23
Hagemann, Louis C.	do.	897.50	
Harper, E. A.	do.	900.00	
Jeffrey, James G.	do.	575.00	
Jenkins, Wm.	do.	900.00	
Manny, Abram M.	do.	425.00	
Maxson, Rufus Y.	do.	900.00	
Pilchard, Mack R.	do.	900.00	
Smith, Harry A.	Stock examiner, at \$900 and veterinary inspector, at \$1,400.	1,337.50	
Turner, Albert J.	Stock examiner, at \$900.	900.00	
Wager, Geo. E.	do.	900.00	
Babb, Geo. F.	Inspector's assistant, at \$1,000	750.00	
Bitner, W. A.	do.	966.67	
Bollinger, H. L.	do.	1,000.00	
Bratton, James W.	do.	1,000.00	
Bryant, Scott S.	do.	1,000.00	7.14
Burrows, Wm. E.	do.	1,000.00	
Danaher, W. E.	do.	425.01	
Ebling, J. W.	do.	958.34	
Folts, John H.	do.	1,000.00	
Gilmore, Frank J.	do.	997.23	52.16
Halbisch, Harry	do.	1,000.00	
Helvey, Orlando W.	do.	1,000.00	
Huey, Carlton	do.	1,000.00	11.05
Johnson, H. C.	do.	1,000.00	
Jordan, Chas. N.	do.	1,000.00	28.60
Leddy, Thomas	do.	1,000.00	
McCann, John	do.	941.66	
Mahoney, T. B.	do.	1,000.00	7.62
Milner, Clarence A.	Inspector's assistant, at \$1,000 and veterinary inspector, at \$1,400.	1,116.66	19.45
Neil, Wm. F.	Inspector's assistant, at \$1,000.	1,000.00	
Pearce, Chas. E.	do.	1,000.00	
Platt, Daniel S.	do.	1,000.00	
Raffensperger, H. B.	do.	1,000.00	
Rieman, Jos. J.	do.	1,000.00	
Roberts, E. S.	do.	1,000.00	
Rohrer, Leonard S.	do.	1,000.00	
Schroeder, Geo. H.	do.	186.10	
Sommer, Jos. M.	do.	1,000.00	1.05
Tellejohn, Edwin H.	do.	1,000.00	
Trees, Oliver P.	do.	1,000.00	
Ulmer, Henry C.	do.	1,000.00	
Vandervoort, Chas.	do.	1,000.00	
Waller, Harvey L.	do.	874.99	
Wetzel, Raymond W.	do.	1,000.00	
Wilhelm, John W.	do.	1,000.00	
Wolfe, James F. M.	do.	1,000.00	20.60
Wrie, Geo. A.	do.	1,000.00	
Jacobus, Herman.	Inspector's assistant, at \$900	900.00	
Robertson, James T.	do.	900.00	
Schopp, Henry.	do.	900.00	
Weaver, Nelson E.	do.	900.00	
Albright, Geo. H.	Inspector's assistant, at \$840	718.67	
Allen, E. Dorr	do.	665.00	
Amos, Wm. M.	do.	840.00	
Anderson, Ed A.	do.	828.33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Anderson, James B.	Inspector's assistant, at \$840.	\$590.33	
Bacon, Frank E.	do.	840.00	
Bagby, Lorin.	do.	840.00	
Baker, Arthur W.	do.	525.00	
Barker, Leroy W.	do.	840.00	
Barnes, Saml. C.	do.	840.00	\$7.47
Barr, Carney A.	do.	828.33	
Barr, Wm. A.	do.	630.00	
Barton, Carl M.	do.	840.00	
Bassett, Jas. J.	do.	840.00	
Beardsley, Roy M.	do.	840.00	
Beeson, Geo. M.	do.	840.00	
Bell, Chas. M.	do.	828.33	
Betts, Herbert V.	do.	672.00	
Bishop, Louis A.	do.	840.00	46.85
Black, Otto P.	do.	751.33	
Boggs, Walter A.	do.	840.00	
Bosdorfer, Louis.	do.	840.00	
Boyd, M. E.	do.	840.00	6.92
Brasher, Will M.	do.	840.00	27.05
Brett, Thomas J.	do.	821.33	
Brock, Lloyd C.	do.	14.00	
Brown, Chas. H.	do.	837.67	
Brown, J. R.	do.	837.67	
Brown, Saml. W.	do.	840.00	
Brune, Edward H.	do.	93.33	
Brunner, P. Harry.	do.	543.67	
Bryan, Archie.	do.	840.00	
Burke, George A.	do.	835.33	
Burwell, William.	do.	840.00	
Cain, W. H.	do.	840.00	
Callanan, Bernard G.	do.	840.00	38.63
Cameron, A. L.	do.	840.00	
Carey, Vincent J.	do.	840.00	
Carle, Lowden H.	do.	749.00	
Cavanagh, Chas. T.	do.	837.67	
Cavanaugh, Thomas M.	do.	53.67	
Chaney, Frank.	do.	718.67	13.75
Coffey, John M.	do.	606.67	
Coffey, Wm. E.	do.	840.00	
Coffman, R. E.	do.	840.00	6.00
Coffman, T. Jeff.	do.	697.67	
Collins, Wm. B.	do.	725.67	
Conger, Elmer H.	do.	770.00	
Connelley, J. Leslie.	do.	665.00	
Cooper, F. H.	do.	655.67	
Copeland, Samuel L.	do.	840.00	
Copenhaver, M. H.	do.	840.00	
Coppage, Henry C.	do.	840.00	
Coulter, Chas. M.	do.	840.00	
Cowan, James C.	do.	560.00	
Craig, A. Rile.	do.	840.00	
Croft, Victor F.	Inspector's assistant, at \$840, and veterinary inspector, at \$1,400.	1,342.22	1.95
Cranford, Wesley H.	Inspector's assistant, at \$840.	739.66	21.65
Crosby, Frank.	do.	840.00	
Cullen, Bartholomew.	do.	828.33	
Curry, Fay.	do.	837.67	
Davis, Everett W.	do.	840.00	
Davis, Thomas L.	do.	840.00	
Dean, Fred C.	do.	590.33	59.5
Deluze, Fredk. M.	do.	667.33	
Dennehy, James F.	do.	751.33	
Denton, Jacob M.	do.	840.00	
Depuy, Chauncey M.	do.	840.00	19.78
Devereaux, E. L.	do.	315.00	
Dey, Robert F.	do.	840.00	
Donham, Lewis S.	do.	840.00	
Donohoe, Will W.	do.	840.00	
Doubley, Thos. W.	do.	840.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Doughman, Isaac H.	Inspector's assistant, at \$840.	\$840.00	
Driscoll, Louis J.	do.	840.00	
Dudley, Marshall.	do.	16.33	
Dugan, Michael F.	do.	474.83	
Eastman, J. O.	do.	840.00	
Edstrom, A. S.	do.	840.00	
Edwards, Thos. H.	do.	474.44	\$21.80
Edwards, Wm.	do.	840.00	
Emmons, Eldred E.	Inspector's assistant, at \$840 and \$900.	867.50	
Empet, Floyd L.	Inspector's assistant, at \$840.	840.00	
Endsley, Wm. L.	do.	758.33	
Ertzman, Chas. L.	do.	835.33	
Ervin, Clarence.	do.	840.00	
Eubanks, Oliver P.	do.	833.00	
Fagan, Ernest P.	do.	840.00	
Falls, John D.	do.	840.00	
Farrar, Herbert A.	do.	751.33	
Farrell, Andrew P.	do.	508.67	
Featherstone, G. D.	do.	840.00	
Fees, William R.	do.	88.67	
Fessenger, John G.	do.	840.00	
Fitzgerald, David J.	do.	751.33	355.40
Flaig, Victor G.	do.	840.00	
Flood, James R.	do.	840.00	
Foley, Lawrence.	do.	590.33	
Fortier, David J. E.	do.	590.33	
Fox, Wm. L.	do.	718.67	49.33
Franklin, R. M.	do.	840.00	
Freemarck, Geo. W.	do.	543.67	
Frizzell, Wm. H.	do.	840.00	65.60
Fusselman, Milton.	do.	840.00	
Gale, Howard C.	do.	630.00	
Gardner, Arthur G.	do.	826.00	
Gardner, M. E.	do.	840.00	
Geiter, George.	do.	840.00	
Gibbs, Edw. C.	do.	560.00	45.80
Gibson, Fred W.	do.	840.00	
Glunt, James W.	do.	840.00	
Good, Harry D.	do.	840.00	
Grayson, Oscar H.	do.	777.00	3.65
Greene, Jim P.	do.	840.00	
Griffin, Daniel J.	do.	840.00	
Grubb, George.	do.	840.00	
Gunn, G. Z.	do.	770.00	
Haldeman, Wm. J.	do.	840.00	
Hall, Chas. A.	do.	840.00	
Hall, Everett.	do.	770.00	
Hallett, Fred C.	do.	840.00	
Hamill, Frank W.	do.	420.00	40.35
Hamilton, Fred L.	do.	840.00	
Hammond, Geo. F.	do.	840.00	1.30
Harcum, Rollie H.	do.	840.00	
Hard, Larkin E.	do.	840.00	
Harmeyer, Lloyd C.	do.	560.00	
Harper, Chas. J.	do.	665.00	
Harper, Wm. A.	do.	840.00	
Hartman, Thos. T.	do.	156.33	
Harwood, Thomas.	do.	840.00	
Hattin, Gono.	do.	835.33	
Hauber, John F.	do.	630.00	
Haughawout, L. L.	do.	840.00	
Haworth, Chas. C.	do.	606.67	
Hazen, W. Merton.	do.	751.33	
Hellriegel, F. W.	do.	840.00	4.12
Herman, John F.	do.	840.00	
Hervey, Hugh H.	do.	840.00	
Hickman, John L.	do.	840.00	
Higgins, J. Willard.	do.	840.00	
Hill, Perry R.	do.	840.00	
Hoffmann, Frank H.	do.	840.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Holt, Benj. F.	Inspector's assistant, at \$840	\$840.00	
Hornung, Albert G.	do.	840.00	
Houston, Donald M., jr.	do.	840.00	
Howard, David L.	do.	525.00	
Hoylman, Adger A.	do.	630.00	
Hubbard, Henry F.	do.	835.33	
Hubbard, Henry T.	do.	665.00	
Hudson, Fredk. W.	do.	840.00	
Huffman, P. J., jr.	Inspector's assistant, at \$840 and veterinary inspector, at \$1,400.	1,003.33	\$19.50
Hufford, Eldo E.	Inspector's assistant, at \$840.	840.00	
Huffzky, Edward.	do.	506.33	
Huhn, Otto W.	do.	840.00	
Hull, Bertram C.	do.	81.67	
Hurley, Daniel J.	do.	840.00	
Hurt, Finis H.	do.	840.00	
Husman, Adam A.	do.	840.00	
Ingraham, Harry C.	do.	553.00	
Jackson, Victor L.	do.	751.33	
Johnson, Anthony R.	do.	840.00	35.90
Johnson, Fredk.	do.	816.67	
Johnson, Mandius	do.	644.00	
Jones, Fred B.	do.	840.00	
Kaller, David, jr.	do.	590.33	
Kalupy, Harry H.	do.	732.66	
Katheder, Michael.	do.	420.00	
Keleher, Timothy F.	do.	840.00	
Kelly, Edgar P.	do.	840.00	
Kelly, John J.	do.	833.00	
Keys, Don C.	do.	590.33	39.50
Kielsmeier, A. F.	do.	623.00	
King, Samuel A.	do.	837.67	18.30
Kirk, Joseph L.	do.	840.00	
Kniffen, Earl R.	do.	840.00	9.05
Koen, Hardy G.	do.	840.00	
Kolbe, John A.	do.	840.00	6.15
Koontz, Harry E.	do.	840.00	
Kraft, Wm. E.	do.	840.00	
Krueger, H. R., jr.	do.	751.33	15.75
Kunz, Jacob.	do.	840.00	
La Fon, Nathaniel.	do.	840.00	
Larsen, Peter G.	do.	840.00	
Laster, G. T.	do.	840.00	
Lawrence, H. J.	do.	840.00	
Leaf, Roy.	do.	651.00	
Lee, Oscar R.	do.	798.00	9.30
Leeman, Thos. H.	do.	840.00	
Lewis, Chas. C.	do.	840.00	
Lewis, John D.	do.	840.00	
Lewis, Richard F.	do.	840.00	
Lightner, L. C.	do.	840.00	8.22
Linder, Geo. W.	do.	387.34	
Lisle, Ray L.	do.	574.00	
Logan, John W.	do.	840.00	
Lonnon, Chas.	do.	840.00	9.35
Lotz, Perry J.	do.	840.00	
Lyon, Raymond F.	do.	840.00	
McCarthy, Edwin J.	do.	840.00	
McCarthy, Florens.	do.	751.33	
McCulloch, Donald.	do.	826.00	3.75
McDonnell, Wm.	do.	840.00	65.30
McEwen, James E.	do.	836.50	46.05
McGarvey, Daniel L.	do.	840.00	35.76
McGinty, Geo. L.	do.	700.00	
McHugh, Patrick M.	do.	840.00	
McKay, John E.	do.	590.33	
McKinney, Ora O.	do.	840.00	22.91
McKinney, Thos. M.	do.	840.00	
McNamara, Wm. E.	do.	840.00	11.55

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McWilliams, Jos. R.	Inspector's assistant, at \$840	\$840.00	
Mace, Oscar	do.	840.00	
Mahoney, Thos. H.	do.	840.00	
Marcinski, Frank	do.	840.00	
Marney, Urdie E.	do.	606.67	
Martin, Homer	do.	840.00	
Maxwell, Thos. M.	do.	700.00	
Maxwell, Walter C.	do.	834.16	
Metheny, Claud	do.	840.00	
Meyer, Jacob J.	do.	67.67	
Meyers, Chas. T.	do.	840.00	
Michael, Chas. E.	do.	840.00	
Midkiff, Henry F.	do.	840.00	
Millen, Alfred	do.	588.01	
Miller, Samuel H.	do.	770.00	
Moldenhauer, C. F.	do.	751.33	
Morgan, Paul G.	do.	592.67	
Morrissey, Thos. F.	do.	840.00	
Morton, Wm. N.	do.	751.33	
Mullins, Charles P.	do.	560.00	\$6.35
Muncy, Simon G.	do.	840.00	
Murphy, Glenn	do.	840.00	
Murphy, Wm. E.	do.	560.00	
Myers, Chas. E.	do.	840.00	
Myers, Wm. N.	do.	590.33	
Nuckols, Jacob E.	do.	840.00	
O'Brien, John E.	do.	840.00	
O'Brien, Joseph	do.	840.00	
O'Brien, Patrick R.	do.	2.33	
Odor, Hugh	do.	840.00	
Olson, Luther E.	do.	840.00	
Parnell, G. S.	do.	658.00	
Pateman, Ralph W.	do.	718.67	
Patterson, Wm. E.	do.	833.00	
Payne, Cassius J.	do.	840.00	
Peters, George C.	do.	840.00	14.97
Peters, W. S.	do.	840.00	5.05
Pettis, Albert W.	do.	840.00	
Phetteplace, F. R.	do.	840.00	
Phillips, Isaac B.	do.	840.00	
Phillips, Oscar	do.	840.00	
Piquett, George L.	do.	700.00	
Plummer, John T.	do.	840.00	
Raap, John	do.	718.67	
Rabenstein, Wm. M.	do.	100.33	
Rafferty, John F.	do.	840.00	30.03
Raub, Austin J.	do.	840.00	
Reardon, John D.	do.	128.33	
Reinhart, Chas. E.	do.	821.34	
Renker, Fred L.	do.	840.00	
Revercomb, Lorin T.	do.	833.00	
Rhoads, Harry	do.	840.00	
Riley, James R.	do.	700.00	
Riley, Wm. H.	do.	840.00	
Ritman, Wm. H.	do.	840.00	13.55
Ritter, Philip	do.	840.00	
Rivers, Geo. W.	do.	840.00	
Robinson, Oscar C.	do.	840.00	
Rupps, Joseph F.	do.	700.00	
Russell, Fred S.	do.	840.00	
Russell, Rufus C.	do.	840.00	
Rust, Vinton D.	do.	840.00	14.55
Ryan, Joseph	do.	749.00	
Samuel, Alfred A.	do.	840.00	
Schaefer, Fred S.	do.	665.00	
Schluderberg, Ernest	do.	840.00	
Schoewe, H. R.	do.	840.00	
Schoonover, H. V.	do.	191.33	
Schuster, Henry	do.	840.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Scott, Robert L.	Inspector's assistant, at \$840.	\$840.00	
Screder, Sheldon.	do.	840.00	\$1.45
Seacord, John M., jr.	do.	560.00	
Seals, Walter L.	do.	840.00	
Sergeant, F. W.	do.	840.00	
Severance, Glen R.	do.	840.00	
Seybold, Chas. M.	do.	840.00	
Shambeau, C. E.	do.	840.00	
Shamp, Ernest B.	do.	840.00	
Shanley, Joseph A.	do.	840.00	
Sharp, Herbert L.	do.	590.33	34.00
Shay, David W.	do.	583.33	
Sheehan, C. W.	do.	653.34	14.15
Sheehan, Thomas S.	do.	751.33	
Shelton, W. Eugene.	do.	718.67	
Shore, Frederick V.	do.	840.00	
Siebler, Arthur C.	do.	840.00	
Sklenka, Frederick F.	do.	840.00	
Sloat, Henry.	do.	840.00	
Small, John M.	do.	826.00	
Smith, Earl R.	do.	16.33	
Smith, Harry W.	do.	590.33	
Smith, Walter E.	do.	592.67	
Snyder, Bliss.	do.	837.67	
Spurlock, W. J.	do.	364.00	
Stackhouse, Thos. E.	do.	840.00	4.60
Stafford, Luther V.	do.	590.33	
Stanton, John T.	do.	840.00	
Stephenson, D. P.	do.	751.33	
Stewart, Ralph B.	do.	590.33	
Stoneburner, J. D.	do.	840.00	
Strehlmann, W. G.	do.	840.00	
Streit, John E.	do.	560.00	
Stroud, Wm. C.	do.	840.00	
Stubbs, Saml. P.	do.	709.34	
Stuck, David F.	do.	840.00	
Sturgis, Zadok.	do.	802.67	3.75
Sutton, Clemmons G.	Inspector's assistant, at \$840; horse hire, \$288.	1,128.00	4.73
Swain, Arthur A.	Inspector's assistant, at \$840, and veterinary inspector, at \$1,400.	886.67	
Taake, R. E.	Inspector's assistant, at \$840.	840.00	
Tarpy, Patrick J.	do.	840.00	
Taylor, Alfred A.	do.	534.33	
Taylor, Major C.	do.	840.00	14.00
Temme, Paul R.	do.	606.67	
Thomas, Matthew D.	do.	751.33	
Thompson, Henry S.	do.	749.00	
Thorpe, Ira.	do.	840.00	
Thullen, Chas. F.	do.	840.00	
Tiedeman, Wm.	do.	765.34	2.81
Timmmons, W. H.	do.	707.00	
Tims, John, jr.	do.	840.00	
Tizard, Geo. C.	do.	751.33	
Townsend, James J.	do.	606.67	
Tresslar, Frank A.	do.	529.67	
Troy, Joseph A.	do.	494.67	
Twomey, A. B.	do.	751.33	
Vanden Boom, B. C.	do.	837.67	
Vandergriff, E. R.	do.	571.67	
Vanscoy, Robt. M.	do.	840.00	20.20
Voils, James W.	do.	840.00	
Volker, Louis.	do.	683.67	
Wagner, Carl H.	do.	751.33	
Walker, Wm. L.	do.	840.00	
Waller, Chas. W.	do.	840.00	
Weaver, Flavius.	do.	196.00	
Weaver, John H.	do.	840.00	
Welch, Homer G.	do.	840.00	15.61
Wells, Granville.	do.	60.66	



## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
West, C. L.	Inspector's assistant, at \$840.	\$140.00	
Westfall, Roscoe C.	do.	294.00	
Wetzel, Geo. H.	do.	829.51	
Whaley, Fredk. N.	do.	742.00	
Wheeler, Edward M.	do.	840.00	
Whitacre, Chester L.	do.	751.33	
Whitaker, Louis C.	do.	840.00	
White, Arthur E.	do.	840.00	
White, Francis W.	do.	284.67	
White, James O.	do.	840.00	
White, John D.	do.	840.00	
White, Wm. H.	do.	840.00	
Whitlock, Frank E.	do.	525.00	
Williams, Fall T.	do.	770.00	
Williams, Homer W.	do.	840.00	
Wilson, Gilbert A.	do.	296.33	
Wilson, Saml. C.	do.	574.00	
Wingess, Edward.	do.	828.33	
Winter, Chas. N.	do.	4.67	
Wirthwine, Arthur L.	do.	837.67	\$58.90
Wisehart, Wilbert.	do.	807.33	
Womack, John T.	do.	840.00	
Woodward, Henry H.	do.	700.00	
Worth, Frank H.	do.	751.33	
Yount, J. W.	do.	511.00	
Zimmerman, Chas. E.	do.	751.33	
Cleary, Thos. F.	Inspector's assistant, at \$720.	720.00	
Hawkins, Robt. B.	do.	720.00	
Jones, Harvey W.	do.	720.00	12.76
Leech, Walter W.	do.	700.00	9.04
Mahood, Wm. T.	do.	712.00	6.20
Miller, Wm. G.	do.	720.00	
Murphy, Richard F.	do.	720.00	
Neal, John H.	do.	720.00	22.63
Peppard, Edward A.	do.	720.00	72.58
Riley, Frank C.	do.	720.00	
Snyder, Wm. J.	do.	720.00	
Sullivan, Jno. E.	do.	720.00	6.12
Thompson, Jas. R.	do.	330.00	
Valley, Thos. J.	do.	612.00	30.93
Webb, Johnnie W.	do.	720.00	22.20
Hostetler, Altine.	Clerk, at \$1,400.	1,400.00	24.33
Small, Cyrus K.	do.	1,400.00	37.90
Crawford, Wm. S.	Clerk, at \$1,200.	1,200.00	
Dietrich, Ephraim.	do.	1,200.00	
Due, Immanuel.	do.	1,200.00	
Hoyt, Albert H.	do.	1,200.00	
Luce, E. B.	do.	1,200.00	
McEmaney, Jos. P.	do.	1,200.00	
Morrissey, Leo. W.	do.	1,200.00	
O'Malley, J. J.	do.	1,200.00	
Paine, Philips.	do.	1,200.00	
Pew, C. S.	do.	1,200.00	
Philpot, Chas. W.	do.	1,200.00	
Tourtellotte, S. H.	do.	1,200.00	
Wolf, Max.	do.	1,200.00	310.08
Alexander, John O. W.	Clerk, at \$1,000.	1,000.00	
Carroll, John H.	do.	1,000.00	
Grady, Martin P.	do.	1,000.00	
Hartwell, Chas. K.	do.	1,000.00	
Herriek, Hiram G.	do.	1,000.00	
Leighton, Orrin L.	do.	1,000.00	
McClure, John H.	do.	1,000.00	
Müller, Samuel M.	do.	1,000.00	
Morse, Chas. H.	do.	1,000.00	
Newlove, Harry S.	do.	1,000.00	
Newman, Ben E.	do.	833.33	
Reinsch, Geo. J.	do.	1,000.00	
Schuman, Charles.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Vance, I. N.	Clerk, at \$1,000.	\$1,000.00	
Workheiser, H. F. R.	do.	1,000.00	\$5.45
Wycoff, Alva C.	do.	1,000.00	
Baldwin, Henry B.	Clerk, at \$900.	80.00	
Belt, Herbert C.	do.	900.00	
Black, Ralph W.	do.	900.00	4.25
Boutillier, W. A.	do.	825.00	
Chamberlin, Wm. E.	do.	900.00	
Clifford, Maxwell.	do.	900.00	
Evans, Elmer E.	do.	900.00	
Hickman, Jessie.	do.	900.00	
Jackson, Edgar.	do.	900.00	
Jones, Geo. S.	do.	900.00	
Meyers, Geo. W.	do.	900.00	
Mumm, John.	do.	900.00	
Schwahn, Ella.	do.	900.00	
Smiley, Arthur R.	do.	457.50	
Bally, Wm. E.	Clerk, at \$840.	730.33	
Bushong, Jno. A.	do.	840.00	
Carson, Arthur.	do.	840.00	
Cole, Myron A.	do.	560.00	
Craigie, Francis L.	do.	653.33	
McKinstry, Geo. W.	do.	840.00	
Monnet, Wm. E.	do.	840.00	
Purinton, Jas. C.	do.	686.00	
Suiter, Chas. S.	do.	840.00	
Taylor, Enslay.	Clerk, at \$840 and \$900.	865.00	6.65
Weathers, Elmer L.	Clerk, at \$840.	840.00	
Windham, Chas. F.	do.	840.00	
Hillegass, Harry E.	Clerk and typewriter, at \$1,000.	183.33	
Le Doux, Oscar M.	do.	1,000.00	
Walshe, W. Joseph.	do.	991.67	
Allen, Cornelius B.	Clerk and typewriter, at \$900.	900.00	
Bitzan, Chas. W.	do.	900.00	
Bowen, Wm. C.	do.	900.00	
Hotaling, Ellis K.	do.	900.00	
Jackson, Evan L.	do.	680.00	
Levinger, Abraham.	do.	735.00	
O'Brien, Joseph C.	do.	900.00	
Peet, George H., jr.	do.	622.50	
Pratt, Lehi C.	do.	900.00	
Sandberg, Gustaf A.	do.	350.00	
Shirley, Orville E.	do.	110.00	
Smith, Chell M.	do.	225.00	
Tarres, Aradondo.	do.	900.00	
Van Velzer, Leroy W.	Clerk and typewriter, at \$900 and \$1,200.	937.50	
Welty, James W.	Clerk and typewriter, at \$900.	55.00	
White, James A., jr.	do.	402.50	
Williams, R. H.	do.	450.00	
Hoff, R. Warren.	Clerk and typewriter, at \$840.	231.00	
Kirkpatrick, Wm. D.	do.	112.00	
Lusk, Harry W.	do.	840.00	
Putnam, L. R.	do.	840.00	
Stratton, John H., jr.	do.	840.00	
Donovan, Denis J.	Clerk, stenographer, and typewriter, at \$900.	92.50	
Solan, John J.	do.	770.00	
Leland, Henry.	Skilled laborer, at \$1,200.	1,200.00	2.76
Bennett, Wm.	Skilled laborer, at \$900.	900.00	
Blair, John T.	do.	900.00	
Bullard, Lewis L.	do.	900.00	
Burleigh, F. H.	do.	900.00	
Carr, Joseph G.	do.	900.00	
Chojnacki, Michael.	do.	900.00	
Clark, W. D.	do.	900.00	
Condon, James.	do.	900.00	
Elsenreich, Chas.	do.	900.00	
Foley, James.	do.	900.00	
Forbes, Reuben.	do.	877.50	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fox, William.....	Skilled laborer, at \$900.....	\$900.00	
Gilmore, Elias.....	do.....	562.50	
Goebel, Fred J.....	do.....	120.00	
Gray, Robert.....	do.....	900.00	
Griffin, P. H.....	do.....	900.00	
Hart, John E.....	do.....	802.50	
Hinkson, Ransom.....	do.....	900.00	
Jost, August.....	do.....	900.00	
Knox, Harrison H.....	do.....	900.00	
Kostal, Anton.....	do.....	900.00	
Laird, E. E.....	do.....	862.50	
Leismann, Jacob.....	do.....	900.00	
Lorenzen, John C.....	do.....	900.00	
Lynch, Daniel.....	do.....	900.00	
Sauer, Theo.....	do.....	900.00	
Shea, Thomas.....	do.....	291.25	
Shortridge, I.....	do.....	900.00	
Smith, T. M.....	do.....	402.50	
Stafford, James R.....	Skilled laborer, at \$900; horse hire, \$336.....	1,236.00	
Sullivan, Joseph.....	Skilled laborer, at \$900.....	900.00	
Summers, John.....	do.....	900.00	
Troughton, J. E.....	do.....	702.50	
Walsh, Richard.....	do.....	900.00	
Walsh, Walter.....	do.....	900.00	
Atwood, Elmer R.....	Skilled laborer, at \$840.....	840.00	\$13.10
Hall, Joseph.....	do.....	840.00	
Keyser, Chas. T.....	do.....	815.49	
Shattuck, F. R.....	do.....	840.00	
Brewer, Walker A.....	Skilled laborer, at \$720.....	720.00	
Burford, Elda.....	do.....	720.00	
Driscoll, N. J.....	do.....	12.00	
Eggebrecht, Wm. C. H.....	do.....	720.00	
Field, Lyman.....	do.....	180.00	
Gerritson, Wm. M.....	do.....	720.00	
Hardman, H. L.....	do.....	720.00	
Hudson, Wm. H.....	do.....	720.00	
Justinger, Michael.....	do.....	54.00	
Parks, Virgil H.....	do.....	150.00	
Pendleton, Jas. B., jr.....	do.....	690.00	
Stofie, John F.....	do.....	720.00	
Travis, Don C.....	do.....	720.00	
Van Zile, Jesse F.....	Skilled laborer, at \$720, and inspector's assistant, at \$840.....	820.00	
Grable, Hiram.....	Classified laborer, at \$840.....	840.00	
Jones, Oscar E.....	do.....	840.00	3.90
Coles, Richman.....	Laborer, at \$2.50 per diem.....	775.00	
Biehl, John.....	Laborer, at \$2 per diem.....	78.00	
Dauber, A. P.....	do.....	102.00	
Hosken, Selena.....	Laborer, at \$30 per month.....	360.00	
Morrison, Mary.....	do.....	360.00	
Faux, Anna.....	Laborer, at \$300.....	75.00	
Stelljes, H. E. A.....	Messenger boy, at \$480, and clerk, at \$720.....	640.00	
Matz, Patience G.....	Charwoman, at \$600.....	460.84	
Addison, Birdie.....	Charwoman, at \$300 and \$360.....	312.50	
Elliott, Ella F.....	Charwoman, at \$1 per diem.....	313.00	
Total.....		2,728,497.96	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co. ....	\$75.65	Contingent expenses, Department of	
Andrews Paper Co., R. P. ....	17.95	Agriculture .....	\$993.46
Ballantyne, R. Carter .....	1,266.06	Cudahy Packing Co. ....	1.72
Baumgarten & Sons Co., J. ....	55.00	Dawson, Thos. ....	5.60
Brown Co., B. & S. ....	1.50	Dittmar & Sons, John .....	88.00
Chicago Live Stock World .....	5.00	Dobke, Ferd. L. ....	3.50
Clarke Co., R. P. ....	33.08	Dorsey, Wm. ....	100.00
Columbia Ribbon & Carbon Manufac-		Douglas, W. H. ....	23.00
turing Co. ....	17.50	Doyle, John M. ....	10.00
Contingent expenses, Department of		Dulin & Martin Co. ....	5.84
Agriculture .....	105.00	Du Perow, M. ....	22.50
Deutscher Co., H. P. ....	39.90	Dyer, W. H. ....	121.50
Easthampton Rubber Thread Co. ....	8.40	Edmonston, Chas. R. ....	114.76
Fisher-McGill Co. ....	3.45	Emery, Bird, Thayer Dry Goods Co. ....	17.64
Hausler & Co. ....	27.50	Empire Window Cleaning Co. ....	15.00
Hooper, Lewis & Co. ....	8.25	Ennis & Son, Geo. T. ....	51.00
Lamb & Tilden .....	1,361.18	Ervin, E. ....	6.64
Lewis & Co., W. Cary .....	14.50	Espey, John B. ....	9.19
Library Bureau .....	367.93	Evans, Henry .....	41.70
McAdams, Wm. L. ....	3.65	Export & Domestic Can Co. ....	38.87
McClurg & Co., A. C. ....	6.00	Fair, The .....	12.47
Monarch Typewriter Co. ....	1.50	Fakes & Co. ....	1.50
Morrison Paper Co., E. ....	.64	Faux, Mrs. Anna .....	50.00
Perry Co., Chas. E. ....	12.50	Fisher, W. W. ....	1.88
Pitcher, E. H. ....	85.95	Fisher-McGill & Co. ....	3.59
Rockwell, Chas. F. ....	18.45	Fowler Manufacturing Co. (Ltd.) .....	71.00
Schmidt, Fred A. ....	9.01	Frisk, Mary .....	83.25
Siebert & Trussell Manufacturing Co. ....	18.75	Galt & Co., W. M. ....	5.55
Siebert, John F. ....	1.25	Gate City Laundry Co. ....	35.65
Stott & Co., Chas. G. ....	61.20	Gedney, J. L. ....	34.00
Stott Stationery Co. ....	15.20	Gichner, Ernest .....	1.25
Swayze, W. L. ....	73.85	Girtan, John G. ....	2.00
United States Envelope Co. ....	164.40	Gleason & Co., Thos. J. ....	5.75
Yawman & Erbe Manufacturing Co. ....	68.75	Goedde & Co., B. ....	3.60
Ziesenitz, Wm. H. ....	1.62	Grady Co., W. R. ....	2.00
Total .....	3,950.57	Gravel Springs Co. ....	76.50
<i>Miscellaneous supplies, etc.</i>		Great Bear Spring Co. ....	30.00
Adams Co., E. B. ....	5.30	Guide Publishing Co. ....	9.00
American Felt Co. ....	702.99	Haberle Bros. ....	164.80
American Ice Co. ....	88.90	Hanson, C. H. (Inc.) .....	1,719.60
American Linen Supply Co. ....	12.50	Harris & Searle .....	440.00
American Ry. Supply Co. ....	260.00	Hartig, Louis .....	3.20
Armour & Co. ....	50.11	Heiskell & Co., P. H., jr. ....	3.75
Auth Provision Co., N. ....	8.51	Henderson, H. ....	1.00
Baldwin & Co., A. (Ltd.) .....	4.50	Henly Hardware Co. ....	2.25
Ballantyne & Son, Wm. ....	19.50	Hodge, B. W. ....	3.50
Banner Laundering Co. ....	6.00	Hogan, Edward P. ....	2.00
Barber & Ross .....	76.93	Hoge & McDowell Co. ....	36.20
Barnes-Pope Electric Co. ....	3.15	Hollis Cold Storage Co. ....	4.25
Bastien, Arthur .....	8.00	Howard, Geo. E. ....	2,135.25
Beavers, G. F. ....	18.40	Hughes, F. M. ....	22.00
Beavers, R. C. ....	2.50	Hughes & Luitman .....	48.45
Bedell Manufacturing Co. ....	.72	Illinois Glass Co. ....	1.88
Bensinger & Co., S. ....	1.90	Illinois Show Case Works .....	92.00
Blickensderfer Manufacturing Co. ....	65.00	Improved Mailing Case Co. ....	114.00
Bloom Co., Alfred .....	46.50	Initial Towel Supply Co. ....	28.80
Blum Bros. ....	3.19	International Live Stock Exposition	
Boston Transcript .....	3.00	Association .....	2.75
Brentano's .....	.60	Interstate Ice & Cold Storage Co. ....	72.27
Brooks & Co., E. J. ....	17.00	Jackson, Horace H. ....	.95
Brown & Saenger .....	5.50	Jones, John H. ....	92.00
Bunting-Stone Hardware Co. ....	2.95	Kahn Bros. & Co. ....	35.74
Burton & Son, R. C. M. ....	6.75	Kahn & Co., Joseph .....	5.72
Castelberg's .....	6.00	Keane, Co., T. T. ....	1.60
Chatillon & Sons, John .....	34.20	Keasby & Mattison Co. ....	6.40
Chicago Car Seal Co. ....	463.00	Knickerbocker Ice Co. ....	226.50
Chicago Towel Supply Co. ....	56.46	Koller & Smith .....	3.00
Church, W. A. H. ....	3.96	Lambie Co., James B. (Inc.) .....	273.30
Clarke Co., R. P. ....	20.05	Lansburgh & Bro. ....	17.41
Columbia Smelting & Refining Works. ....	4.25	Leach, T. D. ....	3.00
Columbia Towel Supply Co. ....	18.00	Lemen Toilet Supply Co. ....	12.75
Connell Plumbing & Heating Co. ....	8.20	Libbey, Eugene G. ....	94.00
		Lindsay Rubber Manufacturing Co., M. ....	.33
		Lowdermilk & Co., W. H. ....	10.75
		Lutz & Co. ....	11.50

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Madigan & Walsh Co.....	\$204.50	Universal Adding Machine Co.....	\$0.65
Marine Towel Supply Co.....	12.00	University of Cal., Regents of.....	6.00
Martin Co., L.....	4.05	Voigt, Edward.....	3.00
May Hardware Co., F. P.....	1.25	Voigt, Jennie E.....	8.00
Melchior's Machine Works, P.....	12.90	Wallace, A. H.....	62.40
Midland Glass & Paint Co.....	4.04	Walsh, W. J.....	7.50
Minnix Co., N. M. (Inc.).....	.50	Walter's Son Carriage Co., Wm.....	38.50
Monarch Typewriter Co.....	1.25	Washington Rubber Co.....	.30
Moore, Thos. G.....	82.65	Watkins & Co., J. B.....	9.13
Munson Belting Co., Chas.....	26.42	Williams, Brown & Earle.....	1.25
Munson Supply Co.....	25.20	Woodward & Lothrop.....	6.12
Muth & Co., Geo. F.....	5.67	Wright, Sanford.....	5.00
Nawrath, J. P.....	33.49	Yale & Towne Manufacturing Co.....	79.40
Nee-Ska-Ra Mineral Spring Co.....	18.45	Yenner, Benj. H.....	2.00
New System Towel Supply Co.....	5.50		
New York Times Co.....	12.00	<b>Total.....</b>	<b>13,308.14</b>
O'Bryon Sign Co.....	4.50		
O'Donnell, James.....	6.00	<i>Furniture.</i>	
Omaha Gas Co.....	28.00	Bates, C. S.....	26.00
Onward Manufacturing Co.....	7.56	Buxton, Skinner Stationery Co.....	22.25
Parks, Fred.....	7.95	Derby Desk Co.....	31.00
Parks & Co., Geo.....	15.12	Fakes & Co.....	42.25
Pauls & Bro., G. C.....	6.10	Gimbel, Ellis A.....	16.20
Petersen & Michelsen Hardware Co.....	8.50	Globe-Wernicke Co.....	46.10
Pfaffman, Geo. A.....	2.00	Greene, James W.....	6.75
Philadelphia Gear Works.....	2.50	Greenfield, Talbot, Parker, Battle Co.....	10.00
Pitcher, E. H.....	153.40	Keith Furniture & Carpet Co., R.....	6.00
Pittsburg Clean Towel Co.....	6.00	Koller & Smith (Inc.).....	9.00
Polar Water Co.....	62.20	Library Bureau.....	21.70
Powell, Wm. T.....	200.00	Lincoln, Fred S.....	55.00
Pratt, Wm. E.....	807.00	Moses & Sons, W. B.....	14.31
Rau, John C.....	18.00	Randall Furniture Co.....	5.00
Raub, S. C.....	1.50	Sell & Co., E. H.....	35.00
Reilly, Hugh.....	.26	Van Dyke Furniture Co.....	2.50
Remington Typewriter Co.....	24.80	Watertown House Furnishing Co.....	25.00
Riley Towel Supply.....	26.50	Weigel Furniture & Carpet Co.....	7.50
Robbins & Myers Co.....	9.80	Yawman & Erbe Manufacturing Co.....	149.53
Rosslyn Packing Co.....	9.10		
Rosslyn Supply Co.....	.60	<b>Total.....</b>	<b>531.09</b>
Royal Typewriter Co.....	585.00		
Rudolph & West Co.....	2.42	<i>Fuel.</i>	
St. Clair County Gas & Electric Co.....	2.25	Transit House Stores.....	5.25
Salt Lake Stamp Co.....	3.50		
Sams, J. G.....	16.15	<i>Freight.</i>	
San-Knit-ary Textile Mills.....	3.42	Atchison, Topeka & Santa Fe Ry.....	9.86
Scarborough Co.....	2.50	Baltimore & Ohio R. R. Co.....	6.16
Schondau & Lynch.....	31.25	Blue Line Transfer Co.....	5.50
Seamark, Harry F.....	1.00	Boston & Albany R. R. Co.....	.66
Shea, N. H.....	182.24	Boston & Maine Ry.....	1.65
Shore, Edward.....	1.15	Chapman, A.....	16.00
Shreveport Drug Co.....	.50	Chapman, S. M.....	58.50
Siegel, Cooper & Co.....	46.26	Chesapeake & Ohio Ry. Co.....	2.21
Simplex Electric Heating Co.....	36.5	Chicago & Alton R. R.....	13.37
Sloane, W. & J.....	47.50	Chicago, Burlington & Quincy Ry.....	19.29
Somerville Co., Thos.....	9.50	Chicago, Great Western Ry. Co.....	2.61
South Omaha Planing Mills.....	5.25	Chicago, Milwaukee & St. Paul Ry.....	8.00
Southern Printers Supply Co.....	5.20	Chicago & Northwestern Ry.....	39.39
Stechert & Co., G. E.....	25.75	Chicago, Rock Island & Pacific Ry. Co.....	2.11
Stock Yard Hardware & Paint Co.....	22.53	Cleveland, Cincinnati, Chicago & St.....	
Stopplet, F. C.....	9.20	Louis Ry.....	1.76
Swanson Co., B. F.....	13.00	Delaware, Lackawanna & Western.....	3.85
Taylor Co., N. & G.....	38.30	Evansville & Terre Haute R. R.....	.75
Thomas & Hoeltmann.....	26.47	Glynn-Gafford Transfer Co.....	17.25
Thomsen, Fred F.....	24.28	Great Northern Ry. Co.....	7.93
Topham, James S.....	9.00	Hannon, James S.....	.25
Transit House Stores.....	30.30	Harris, Chas.....	58.50
Typewriter Exchange (Inc.).....	3.45	Illinois Central R. R.....	8.22
Typewriter & Office Supply Co.....	8.25	Knox Express Co., Geo. W.....	41.93
Underwood Typewriter Co.....	129.25	Louisville & Nashville R. R. Co.....	3.83
Underwood Typewriter Co. (Ltd.).....	19.75	Maine Central R. R. Co.....	.57
Union Ice Co.....	1.52	Mendenhall Transfer Co.....	13.00
Union Stock Yard & Transit Co. of Chicago.....	30.00		
United States Live Stock Sanitary Association.....	22.75		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Telephone—Continued.</i>	
Merchants Transfer & Storage Co. ....	\$29.40	Nebraska Telephone Co. ....	\$60.79
Michigan Central R. R. Co. ....	5.04	New England Telegraph & Telephone Co. (Boston) .....	265.50
Minneapolis, St. Paul & Sault Ste. Marie Ry. ....	1.13	New England Telegraph & Telephone Co. (Portland) .....	40.50
Missouri Pacific Ry. ....	9.78	New York Telephone Co. ....	462.57
New Orleans & Northeastern R. R. Co. ....	1.62	New York & New Jersey Telephone Co. ....	31.90
New York Central & Hudson River R. R. ....	4.24	Pacific Telegraph & Telephone Co. ....	132.00
New York, New Haven & Hartford R. R. Co. ....	4.53	Penley, E. W. ....	4.50
Norfolk & Washington Steamboat Co. ....	.45	Pittsburg & Allegheny Telephone Co. ....	40.00
Northern Pacific Ry. ....	2.75	Providence Telephone Co. ....	87.38
Oregon Short Line. ....	5.80	Sioux City Telephone Co. ....	36.00
Pennsylvania R. R. ....	27.63	Southwestern Telegraph & Telephone Co. ....	10.00
Philadelphia & Reading Ry. Co. ....	.37	Weehawken Stock Yard Co. ....	7.55
Roosa, I. P. ....	5.05	Wisconsin Telephone Co. ....	81.00
St. Louis & San Francisco R. R. Co. ....	2.73		
San Pedro, Los Angeles & Salt Lake Ry. ....	2.79	Total .....	2,957.71
Seaboard Air Line Ry. ....	.25		
Southern Pacific Co. ....	1.94	<i>Rent.</i>	
Southern Ry. Co. ....	5.16	Aborn, Benj., W. H., Edw., & Albert C. ....	500.00
Spillane, J. P. ....	99.00	American Radiator Co. ....	1,540.00
Spokane, Portland & Seattle Ry. ....	2.46	Belt R. R. & Stock Yard Co. ....	120.00
Star Union Line. ....	45.70	Chemical Building Co. ....	540.00
Tennessee Central R. R. ....	.83	Cincinnati Union Stock Yard Co. ....	480.00
Union Pacific R. R. Co. ....	12.10	Denver Union Stock Yard Co. ....	288.00
Wabash R. R. Co. ....	2.09	Dold, Fred. ....	230.00
Walsh, W. J. ....	46.00	East Buffalo Line Stock Exchange. ....	540.00
Total .....	661.99	Fisher, Lewis. ....	8.00
		Fort Worth Stock Yards Co. ....	400.00
<i>Express.</i>		Gahan, Sarah. ....	1,800.00
Adams Express Co. ....	324.93	Grand Trunk Ry. of Canada. ....	150.00
American Express Co. ....	2.15	Hammond Building Co. ....	300.00
United States Express Co. ....	135.15	Illinois State Trust Co. Bank. ....	450.00
Total .....	462.23	Kansas City Stock Yards Co. of Missouri. ....	828.00
		King's County Jeffersonian Association. ....	320.00
<i>Telegraph.</i>		Lincoln Trust Co. of New Jersey. ....	528.00
Postal Telegraph-Cable Co. ....	36.72	McDermott, Dillon J. ....	960.00
Western Union Telegraph Co. ....	76.83	Machecha Real Estate & Improvement Co. ....	252.00
Total .....	113.55	Manufacturers National Bank of Brooklyn. ....	133.36
		Munsey, Frank A. ....	420.00
<i>Telephone.</i>		Oliver Building, Trustees of. ....	900.00
Bell Telephone Co. of Missouri. ....	78.80	Pittsburg Union Stock Yards Co. ....	180.00
Bell Telephone Co. of Pennsylvania. ....	152.64	St. Joseph Stock Yards Co. ....	585.00
Central District & Printing Telephone Co. ....	55.00	St. Louis National Stock Yards Co. ....	1,003.20
Central Union Telephone Co. ....	56.93	St. Paul Union Stock Yards Co. ....	360.00
Chesapeake & Potomac Telephone Co. ....	176.82	Silber, Arthur M. ....	500.00
Chicago Telephone Co. ....	256.00	Sioux City Stock Yards Co. ....	480.00
Cincinnati & Suburban Bell Telephone Co. ....	100.00	Society for Savings. ....	360.00
Colorado Telephone Co. ....	51.30	Stock Yards Bank. ....	120.00
Cuyahoga Telephone Co. ....	72.00	Union Building Co. ....	450.00
Frontier Telephone Co. ....	48.00	Union Stock Yards & Transportation Co. ....	1,980.00
Home Telephone Co. ....	41.34	United Owners Realty Corporation. ....	192.00
Home Telegraph & Telephone Co. ....	45.00	Wichita Union Stock Yards Co. ....	17.50
Indianapolis Telephone Co. ....	80.00		
Iowa Telephone Co. ....	48.00	Total .....	17,915.06
Kansas City Home Telephone Co. ....	72.00		
Kinloch Telephone Co. ....	72.00	<i>Gas and electricity.</i>	
McGuire, F. C. ....	29.00	Commonwealth Edison Co. ....	53.01
Maryland Telephone Co. ....	17.69	New York Edison Co. ....	5.71
Michigan State Telephone Co. ....	73.00	New York Mutual Gas Light Co. ....	55.36
Missouri & Kansas Telephone Co. ....	124.50	St. Clair County Gas & Electric Co. ....	24.68
National Telephone Co. of West Virginia. ....	48.00	University of California, Regents of. ....	42.00
		Total .....	180.76



## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Travel and station and field expenses—Continued.</i>	
Albany Chemical Co. ....	\$76.25	Balmer, W. M. ....	\$25.11
Baker Chemical Co., J. T. ....	65.23	Bann, Edwin. ....	12.35
Bausch & Lomb Optical Co. ....	853.86	Barclay, Alec. ....	78.70
Bishop & Co. Platinum works, J. ....	166.23	Barrett, Dennis J. ....	52.48
Boyd & Co., F. O. ....	1,800.39	Barthold, Edwin W. ....	11.32
Braun-Knecht-Hermann Co. ....	12.22	Bateman, Roy L. ....	46.52
Burroughs, Wellcome & Co. ....	42.14	Beechy, L. P. ....	51.00
Caire, Justiman & Co. ....	98.87	Behnke, Albert E. ....	627.40
Coffin-Redington Co. ....	23.80	Behrnes, A. D. ....	225.50
Daigger & Co., A. ....	213.64	Benjamin, Frank E. ....	101.93
Eastman Kodak Co. ....	70.00	Benner, W. G. ....	24.05
Eimer & Amend. ....	929.57	Bennett, S. E. ....	466.79
Faxon & Gallagher Drug Co. ....	240.84	Bertram, E. L. ....	271.58
Flemer, Lewis. ....	41.86	Biggs, Anson W. ....	18.35
Friez, Julien P. ....	50.00	Bishop, Louis A. ....	46.85
Fuller & Fuller Co. ....	42.93	Black, Ralph W. ....	4.25
Gilman, Z. D. ....	345.49	Blackwell, A. M. ....	54.60
Glaser & Barzen Distillery Import- ing Co. ....	32.37	Blackwell, J. E. ....	4.55
Greiner Co., Emil. ....	122.72	Bleecker, Dean E. ....	8.30
Hell Chemical Co., Henry. ....	12.75	Blount, S. L. ....	46.42
Iler & Co. ....	16.08	Blowers, Wm. J. ....	10.66
Kny-Scheerer Co. ....	6.26	Blume, Rufus B. ....	15.70
Langley & Michaels Co. ....	35.04	Boatman, Clay. ....	5.15
Leitz, Ernest. ....	98.72	Bond, Geo. A. ....	10.40
Lenz & Lossau. ....	67.70	Booth, Frank. ....	40.72
McKee Surgical Instrument Co. ....	.85	Bower, Walter C. ....	29.87
Mackall Bros. ....	2,220.07	Boyd, M. E. ....	6.92
Mallinckrodt Chemical Works. ....	85.63	Boyer, E. A. ....	19.20
Merck & Co. ....	15.00	Boyle, Chas. F. ....	372.42
Muth Bros. & Co. ....	11.20	Boyle, Thos. H. ....	3.48
Parke, Davis & Co. ....	3.00	Brackin, Peter J. ....	365.31
Powers-Weightman-Rosengarten Co. ....	6.12	Brashear, Will M. ....	27.05
Richardson Drug Co. ....	22.28	Breckerbaumer, H. E. ....	45.35
Sargent & Co., E. H. ....	1,346.98	Brettinger, Chas. B. ....	7.85
Schmidt, Fred A. ....	2.55	Brennan, John. ....	26.07
Scientific Materials Co. ....	30.90	Brennan, Thos. A. ....	14.85
Sharp & Smith. ....	1.55	Brinkamp, Frank F. ....	48.20
Shoemaker & Busch. ....	25.01	Brook, R. O. ....	313.22
Squibb & Sons, E. R. ....	289.44	Brough, Wm. ....	1.95
Stopplet, F. C. ....	2.10	Brougham, Jas. J. ....	330.24
Thomas Co., A. H. ....	54.12	Brown, G. S. ....	162.66
Whitall, Tatam Co. ....	107.56	Brown, H. E. ....	75.07
Zeiss, Carl. ....	257.47	Brown, Jas. L. ....	8.66
Total. ....	9,946.79	Bryant, Levi. ....	21.55
<i>Travel and station and field expenses.</i>		Buck, John M. ....	43.65
Abbott, Albert P. ....	10.95	Bucknam, Wm. D. ....	24.96
Adams, Willard G. ....	29.85	Buckner, Geo. W. ....	12.80
Ainsworth, F. W. ....	85.45	Buffington, R. M. ....	39.10
Alexander, E. V. ....	46.25	Bullock, A. D. ....	1,671.87
Alexander, Wm. S. ....	13.25	Bundy, E. A. ....	18.77
Alleutt, C. T. ....	2.39	Burke, Henry. ....	40.36
Allott, Leonard J. ....	13.70	Burnett, D. C. ....	25.70
Anderson, M. O. ....	67.05	Burroughs, Jas. W. ....	27.74
Angell, Artie B. ....	30.85	Burson, W. M. ....	11.93
Anglicker, Jacob. ....	19.10	Burt, S. W. ....	40.70
Archer, Edw. A. ....	337.53	Busch, John F. ....	8.90
Arnett, Jas. B. ....	3.55	Bushong, Jos. P. ....	37.54
Atherton, I. K. ....	32.94	Busman, H. ....	15.58
Atherton, O. G. ....	14.25	Butler, G. W. ....	54.65
Atherton, W. T. ....	15.85	Byron, Wm. J. ....	11.15
Atwell, Frank M. ....	24.40	Cady, B. J. ....	59.93
Atwood, Elmer R. ....	13.10	Caldwell, G. R. ....	29.05
Bailey, Wm. S. ....	89.55	Callanan, Bernard G. ....	38.63
Baker, Geo. S. ....	443.55	Calph, E. J. ....	83.00
Baker, H. ....	99.70	Campbell, P. W. ....	22.60
Baker, L. R. ....	43.20	Carlson, John G. ....	39.15
Baker, Troy H. ....	17.23	Carnachan, Thos. W. ....	20.23
Baldwin, Boyd. ....	24.60	Carter, Earl H. ....	23.30
Ballantine, John. ....	33.75	Cartmill, Lewis J. ....	21.45
		Casey, Thos. A. ....	12.20
		Cater, Fred C. ....	25.85
		Chaney, Frank. ....	13.75
		Chapman, Wayland A. ....	41.90

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Clancy, J. B.	\$96.98	Farrington, A. M.	\$140.34
Clark, Clarence W.	3.52	Farthing, C. L.	6.05
Clark, Ed. H.	22.60	Faulder, Ernest T.	15.80
Clarke, L.	1,207.94	Faunce, Chas. S.	5.85
Cleary, Michael P.	44.55	Faville, Geo. C.	91.25
Clemens, Wm. A.	5.18	Fay, Hugh	20.55
Clohesy, Edwin J.	2.12	Fegan, Jas.	74.30
Cloud, Joel E.	138.93	Fegley, Nathan K.	35.07
Coffman, Ralph E.	6.00	Fecker, Paul	12.20
Cohenour, Wm. L.	80.15	Fenstermacher, L. S. A.	28.87
Cole, Clarence G.	2.25	Ferguson, R. B.	25.05
Cole, Myron A.	12.10	Finnegan, Peter J.	35.15
Collins, Dennis.	23.44	Fischbeck, W. F.	9.27
Collins, Patrick.	16.65	Fish, Chas. S. B.	5.75
Condon, Peter J.	11.95	Fitzgerald, David J.	355.40
Connree, W. J.	401.11	Fitzpatrick, A. C.	37.45
Connolly, Thos.	16.15	Fleischhauer, Hugo	17.41
Conti, Jos. A.	2.42	Fleming, J.	127.25
Conway, Wm. T.	25.50	Fletcher, Geo. C.	9.77
Cook, Stanley C.	19.25	Forman, H. Clayton	5.08
Copthorne, H. K.	118.55	Formad, Robt. J.	15.10
Cramer, Chas. F.	64.20	Fotheringham, Wm.	59.76
Crawford, John W.	4.53	Fox, Wm. L.	49.33
Cranford, Wesley H.	21.65	Fravel, F. R.	5.31
Craven, Evert C.	16.00	Freeman, Carl E.	48.25
Croft, Victor F.	11.95	Fritts, Jay.	52.60
Cronin, John J.	6.60	Fritz, Albert F.	36.40
Crook, John J.	3.75	Frizzell, W. H.	65.60
Cullen, David.	92.52	Gall, August.	7.54
Cummins, Daniel G.	56.31	Gallagher, B. A.	44.60
Cummins, Wm. M.	17.46	Gardner, John H., jr.	28.44
Cuniff, James P.	4.88	Garland, Jas. T.	9.72
Cunningham, Bernard J.	5.91	Geddes, Tooie A.	172.18
Curran, Jos. J.	12.88	George, Harrison H.	125.48
Curry, Clarence.	62.20	Gettelman, Geo. A.	13.10
Daley, James A.	9.80	Gibbs, Edw. C.	45.80
Darling, Robt.	1.10	Gibson, Charlie R.	21.66
Davenport, M. L.	21.30	Gibson, Jas.	52.34
Day, Chas. M.	63.70	Gibson, J. E.	48.75
Dean, Fred. C.	59.55	Gibson, Thos. H.	22.99
Decker, John W.	56.75	Gidney, Chas. A.	14.55
De Fosset, Albert J.	77.42	Gillies, Duncan R.	12.07
Dell, Harry H.	40.30	Gilmore, Frank J.	52.16
Deming, Chas. W.	120.40	Goff, Wesley M.	26.46
Depuy, Chauncey M.	19.78	Golden, Geo. E.	606.37
De Ronde, J. D.	50.06	Gooch, Benj. F.	9.55
De Wolf, F. L.	8.25	Gordon, Harris F.	7.90
Dickery, Elvon S.	331.08	Gordon, W. M.	15.15
Dillingham, Willis I.	23.04	Gowe, Clarence B.	7.11
Ditewig, Geo.	1,635.98	Gregg, Robert.	31.72
Dixon, Frank T.	23.20	Green, L. K.	37.58
Dobler, R. J.	17.10	Grove, J. S.	32.25
Donahue, Walter J.	9.04	Grundy, Geo. G.	116.15
Donnelly, Samuel J.	3.02	Gsell, A. G.	8.97
Donovan, John P.	232.68	Guilfoyle, H. N.	77.85
Dorset, M.	204.90	Guy, Thomas.	78.65
Doyle.	40.04	Gyle, Richard W.	17.44
Eagle, R. F.	42.50	Halloran, Patrick J.	2.30
Eddy, Arthur F.	13.92	Hirleman, Arden L.	24.43
Eddy, Jos. C.	43.95	Hamill, Frank W.	40.35
Edmonds, Alfred B. W.	34.85	Hammond, George F.	1.30
Edwards, Thos. H.	21.80	Handley, George A.	18.60
Eggers, David F.	19.90	Hanners, John W.	17.20
Eichhorn, Adolph.	15.75	Hardy, Thomas R.	54.60
Eikerenkotter, Ernest A.	51.85	Hart, C. P.	27.30
Evans, Fred.	5.80	Harte, Charles H.	69.92
Everly, Ora W.	20.07	Hartzel, John W.	2.72
Elliott, John A.	30.65	Haupt, John A.	44.60
Emery, Jas. A.	35.65	Haven, Elmer F.	10.80
Enright, Martin W.	43.95	Hawthorne, Joseph J.	13.29
Epple, Lewis E.	17.15	Hayes, J. J.	623.62
Exline, J. C.	23.80	Hayward, Warren L.	116.31
Falk, Wm.	64.95	Hedrick, H. A.	52.55
Famous, Geo. W.	36.60	Hellriegel, F. W.	4.12

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Henderson, L. C.....	\$19.85	Kershner, Hugh C.....	\$46.27
Hendren, Oliver T.....	26.25	Ketchum, F. D.....	94.22
Henley, Robert R.....	54.23	Keys, Don C.....	39.50
Hess, O. B.....	98.50	Kickbusch, Frank.....	19.75
Hickman, R. W.....	178.22	Kiely, Daniel B.....	1.10
Higbie, Weston.....	23.21	Kilanoski, Samuel P.....	26.88
Hilgert, Theodore T.....	30.25	King, Samuel A.....	18.30
Hill, J. Bryan.....	3.55	Kniffer, Earle R.....	9.05
Hirschel, Esak.....	23.78	Knobel, John A. D.....	15.10
Hoagland, Ralph.....	76.15	Knodel, William F.....	29.95
Hodgson, John F.....	36.10	Knorr, G. W.....	26.70
Hoerner, George J.....	2.75	Koen, Albert R.....	5.80
Hoffer, Henry.....	60.25	Kohl, J. G.....	4.22
Hollenbeck, John B.....	22.50	Kolbe, John A.....	6.15
Holm, Robert E.....	24.15	Kopp, John C.....	41.02
Holmes, D.....	2.35	Kramer, W. F.....	28.85
Hope, J. G.....	8.43	Krause, Clarence A.....	10.50
Hopkins, Percy R.....	87.80	Krueger, Herman R., jr.....	15.75
Hope, F. S.....	6.00	Kuenzel, George A.....	66.12
Hopper, John B.....	15.40	Lacy, Walter J.....	5.75
Horigan, James B.....	2.85	Lampe, W. H. G.....	27.13
Houck, U. G.....	107.53	Lanigan, O. J.....	75.55
Howes, Ben.....	36.90	Lantz, M. S.....	2.65
Howlett, Louis H.....	13.55	Larimore, Bruce L.....	10.30
Huelsén, Julius.....	94.85	Lee, Alfred N.....	10.66
Huey, Carlton.....	11.05	Lee, John H.....	11.75
Huff, Logan B.....	34.25	Lee, Oscar R.....	9.30
Huffman, Pleasant J., jr.....	19.50	Leech, Walter W.....	9.04
Huggins, Roy.....	162.78	Lehr, Wm. G.....	19.09
Hughes, A. N.....	5.90	Leland, Henry.....	2.76
Hughes, James F.....	47.32	Leonard, Harry B.....	22.65
Humbert, George W.....	9.70	Lewis, Watson.....	82.25
Humphrey, Marshall E.....	25.25	Licking, Lewis A.....	34.53
Hunter, William R.....	16.50	Lightner, Geo. B.....	8.22
Huntington, F. W.....	177.20	Lincoln, Geo. B.....	11.95
Hurst, Dan W.....	16.45	Lincoln, Willis B.....	26.10
Hutchinson, E. N.....	129.35	Lindburg, O. E.....	11.80
Hutchison, John.....	59.60	Lingo, F. J.....	26.35
Huth, O. J.....	55.63	Loescher, David, sr.....	43.28
Hyde, Andrew.....	12.10	Logan, A. H.....	55.87
Hydriek, G. L.....	291.04	Long, Albert.....	164.62
Hynes, William R.....	14.14	Lonnon, Chas.....	9.35
Ingersoll, E. H.....	2.10	Loth, Henry.....	14.05
Irons, George F.....	41.85	Lovejoy, Jas. E.....	5.80
Irwin, A. N.....	2.50	Lunkley, Nick.....	4.53
Isaac, Moses.....	15.47	Lynn, J. F.....	62.45
Jahnke, John.....	40.30	McBreen, Philip L.....	27.05
James, Robert L.....	31.70	McBride, Archibald.....	53.34
Jay, Robert.....	3.50	McBryde, C. N.....	270.98
Jennings, W. E.....	4.75	McCabe, G. P.....	55.15
Jensen, Carl R.....	31.35	McCall, Chas. A.....	67.50
Jerome, George.....	24.62	McCarthy, W. F.....	8.40
Johnson, Augustus F.....	3.85	McClelland, Will C.....	5.05
Johnson, Anthony R.....	35.90	McClure, Thos. H.....	17.45
Johnson, E. P.....	25.52	McConville, F.....	18.90
Johnson, G. A.....	59.35	McCulloch, Donald.....	3.75
Johnson, Nathan H.....	27.50	Macdonald, B. K.....	13.55
Johnson, Raymond.....	32.25	McDonnell, Wm.....	65.30
Jones, Harvey W.....	12.76	McDonough, John F.....	40.50
Jones, Oscar E.....	3.90	McDonough, Jas. H.....	111.60
Jones, Thomas H.....	631.58	McEwen, Jas. E.....	46.05
Jones, W. P.....	6.30	McFall, Alex. J.....	7.71
Jordan, Charles N.....	28.60	McFarland, C. M.....	174.94
Joss, E. C.....	941.57	McGarvey, Daniel L.....	35.76
Kailer, Warren C.....	12.60	McGuire, Michael W.....	12.00
Kaustoroom, David S.....	11.87	McHugh, W. O.....	27.50
Kaufman, S.....	15.81	McKernan, Daniel J.....	6.60
Kay, Gustave A.....	5.65	McKinney, Oro. O.....	22.91
Kean, Thomas J.....	756.99	McLean, Herbert T.....	9.65
Keating, William.....	61.38	McLennan, Rod. J.....	13.75
Kellogg, Clarence F.....	41.70	McLeod, Walter S.....	5.35
Kelly, James S.....	108.55	McMaster, Harry W.....	13.45
Kenneally, James S.....	22.30	McNamara, Wm. E.....	11.55
Kennedy, John A.....	9.47	McSwiggan, Dan.....	9.77



## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses— Continued.</i>		<i>Travel and station and field expenses— Continued.</i>	
Madson, Jens	\$59.20	Peppard, Edw. A.	\$72.58
Maguire, Dennis R.	49.00	Perkins, Chester R.	25.65
Mahoney, T. B.	7.62	Perry, Milton T.	12.20
Mahood, Wm. T.	6.20	Peters, Winfield S.	5.05
Malone, E. J.	2.65	Pettengill, Homer E.	2.15
Marsh, Clarence T. N.	12.47	Pettit, Clark R.	36.60
Marshall, Henry	11.18	Pfaffman, G. A.	30.75
Martin, Alvin L.	52.35	Pickett, Jas. F.	26.20
Martineau, Claude H.	158.25	Pierce, Fred Miles.	7.71
Martius, A. F.	241.25	Pistor, A. J.	1,951.11
Mattatall, Ira C.	543.36	Plummer, Mitchell T.	40.75
Mauldin, C. E.	155.92	Potter, H. G.	33.65
Maxwell, Geo. E.	16.35	Potts, Fred W.	12.65
Mayer, Oliver C.	39.00	Powell, Norman C.	13.60
Meadors, W. H.	62.12	Prather, E. M.	31.30
Megary, J. N.	36.80	Price, J. O. F.	308.44
Melvin, A. D.	14.25	Price, Levi J.	5.50
Melvin, Joe	5.30	Proper, L. J.	153.35
Metsker, Louis	45.41	Putman, Emery	50.25
Meyst, F. W.	412.55	Quinn, John	7.69
Middleton, W. G.	444.37	Quinn, John T.	80.60
Miller, Chester	35.10	Quirk, John J.	4.41
Miller, F.	5.40	Quirk, Michael J.	56.50
Miller, Harry L.	9.90	Rafferty, John F.	30.03
Miller, Joshua	26.31	Ramsdell, H. R.	179.57
Miller, John F.	25.03	Rapp, C. A.	8.70
Milner, Clarence A.	19.45	Reardon, Wm.	91.35
Mink, Wm.	9.85	Reidy, J. B.	51.55
Mitchell, W. Clyde	29.00	Reisser, Michael	12.60
Mohler, J. R.	49.15	Repp, Geo. E.	137.94
Mollan, Paul A.	10.35	Rice, Jos. A.	9.10
Molloy, John J.	1.90	Richards, A. S.	15.15
Montague, J. W.	58.49	Richards, Frank D.	34.75
Moon, Roddy K.	4.86	Richards, Wm.	13.60
Moore, David	24.40	Richardson, Wm. L.	13.52
Moore, John J.	26.05	Richmond, Xavia I.	21.25
Moore, W. A.	6.05	Riemer, Julius F.	9.70
Morgan, Paul G.	9.70	Rishel, Albert E.	125.56
Morgan, Warren B.	28.25	Roach, Marcus S.	2.37
Morris, D. T.	47.40	Robbins, Hartwell	39.40
Morrison, Robt. J.	3.55	Roberts, Ishmael	80.70
Morrow, C. J.	12.50	Robinson, Chas. M.	6.20
Mosier, Chas. B.	82.28	Robinson, Mark	19.62
Mulcahy, P. J.	7.20	Rockwell, Clarence S.	4.90
Mullings, R. M.	785.80	Roome, Henry	.75
Mullins, C. P.	6.35	Roop, A. H.	36.80
Mullowney, P. H.	172.84	Rose, W. H.	132.69
Munn, John E.	10.20	Roth, Gustav F.	22.25
Munro, Jos. B.	910.22	Royer, Lewis D.	5.05
Murphy, Michael J.	35.90	Russell, Rufus C.	14.55
Myer, E.	1.59	Russell, Wm. J.	4.11
Myers, John F.	15.95	Ryan, S. D.	6.87
Neal, John H.	22.63	Ritman, Wm. H.	13.55
Neil, W. N.	75.81	Ryder, J. F.	378.38
Newton, H. M.	27.40	Sabourin, N. M.	21.95
Nicholson, Chas. O.	49.45	Sahland, Julius E.	13.45
Niven, A. B.	37.75	St. Clair, Frank P.	13.50
Nowlan, Frank P.	77.49	Salmon, John P.	1.00
O'Brien, John Albert	10.80	Sandy, J. T.	7.15
Ochs, John J.	.52	Sandvoss, Henry	9.30
O'Donoghue, John	25.65	Sappington, M. A.	25.95
Otis, Geo. M.	69.61	Sawtell, Jos. E.	6.60
Otterman, Jas. L.	12.70	Sayre, Benj. H.	6.60
Page, Fred	44.55	Schade, Robt.	5.05
Painter, Geo. D.	1.60	Schaffter, E. P.	293.36
Palmer, C. F.	32.20	Schauffler, Chas. A.	555.30
Parker, Elmer B.	11.20	Schell, Gustave A.	43.45
Parker, Wm. J.	68.60	Schloemer, August	13.12
Parks, G. H.	616.99	Schmidt, John P.	20.55
Parrent, Jas. E.	16.40	Schneider, Harry A.	9.20
Paul, Wm. L.	5.70	Schneider, Peter	1.31
Payne, A. D.	24.50	Schoenier, Harry W.	32.79
Pearson, A. A.	25.30	Schoenleber, Wm.	49.44
Pepperman, A. N.	48.33	Schofield, Major	69.77

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Meat inspection, Bureau of Animal Industry, 1910, \$3,000,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Sceder, Sheldon	\$1.45	Thompson, Harry Q.	\$107.93
Shackelford, W. O.	173.55	Thompson, John D.	46.25
Shaffer, Harry L.	76.50	Thornton, Martin B.	14.70
Sharp, Herbert L.	34.00	Tiedeman, Wm.	2.81
Shaw, Isaac H.	18.53	Tindall, W. S.	63.40
Sheehan, Chas. W.	67.75	Totten, Geo. E.	88.14
Sheehan, Clarence W.	14.15	Tower, Elmer E.	18.16
Shelton, Jas. E.	32.65	Townsend, N. L.	140.14
Shields, Erastus P.	27.50	Tuck, Richard W.	5.84
Shipley, T. A.	206.24	Tucker, Geo. F.	8.60
Shurnway, Daniel G.	91.06	Valley, Thos. J.	30.93
Siegmund, W. C.	6.89	Van Es, L.	92.80
Sievert, T. J.	1.10	Van Orman, Ray.	39.05
Siggins, E. L.	63.15	Vanscoy, Robt. M.	20.20
Slee, John G.	19.90	Veach, Thos. N.	47.00
Sloan, John.	17.55	Veit, William.	2.17
Small, Cyrus K.	37.90	Verclas, Robt. C.	39.15
Smart, Hugh C.	4.05	Vermilya, Ralph F.	51.50
Smart, J. J.	25.45	Wagoner, C. O.	16.01
Smith, Chas. J.	166.65	Walch, Clemence C.	47.40
Smith, Herbert M.	389.68	Wallace, A. H.	5.55
Smith, Jos. W.	94.05	Waller, Harry N.	50.65
Smith, Wm. B.	11.50	Walsh, Wm. P.	2,114.10
Smith, Wm. H., jr.	142.30	Walter, H. K.	129.10
Snider, Chas. H. P.	15.05	Ward, E. K.	26.30
Somerville, Wm. E.	131.02	Warren, Robt. E.	61.85
Sommers, J. M.	1.05	Washburn, Walter E.	1.80
Sorensen, N. C.	61.33	Watkins, Robt. E.	12.55
Sorrell, Walter	36.05	Weagly, C. B.	14.15
Sparhawk, Wm. T.	35.50	Webb, J. W.	22.20
Spear, Wm. H.	53.90	Webster, John H.	14.40
Spencer, S. C.	8.25	Weeks, L. C.	7.66
Spindler, John E.	23.53	Welsert, Edward J.	38.45
Spitz, Arthur	6.65	Welch, Homer G.	15.61
Stackhouse, Thos. E.	4.60	Wende, Bernhard P.	110.18
Steddom, R. P.	9.85	Wentworth, James A.	12.45
Steere, Jas. P.	136.55	Wilkins, Henry	79.67
Sterrett, Wm. H.	9.00	Williams, R. W., jr.	25.95
Stevens, Fredk. L.	99.61	Willson, Frederic C.	51.40
Stewart, W. J.	4.70	Wilson, Albert H.	16.60
Stiffler, Jas. F.	35.85	Wilson, J. Oscar	24.85
Stingley, Orville A.	54.92	Wiltshire, Albert	26.95
Stock, Sebastian	132.56	Winant, Frank I.	12.16
Stockler, Bernhard J.	17.25	Wirthwine, A. L.	58.90
Stoner, Walter E.	4.30	Wolfe, Jas. F. M.	20.60
Stuart, Jas. T.	6.22	Wolverton, Thos. J.	41.35
Sturgis, Zadok	3.75	Wooden, Morris.	159.50
Suit, F. T.	1.80	Woods, Ambrose H.	70.87
Sullivan, C. G.	31.30	Woolfolk, Geo. H.	3.00
Sullivan, John E.	6.12	Woolen, D. M.	41.44
Sullivan, Timothy J.	31.99	Wootton, Wm. C.	2.92
Sullivan, W. A.	35.00	Worcester, Warner W.	5.45
Sullivan, W. D.	211.02	Workheiser, Harry F. R.	356.85
Sullivan, Wm. J.	28.65	Wray, W. H.	31.85
Swan, Charley J.	5.33	Wright, C. M.	25.30
Swanger, Chas. H.	57.27	Yenner, B. H.	3.70
Talbot, Seth P.	41.90	Yingst, W. H.	13.46
Taylor, A. M.	55.85	Young, Geo. A.	9.00
Taylor, Ensley	6.65	Ziegler, John	50.65
Taylor, Major C.	14.00	Zollinger, J. H.	19.90
Thackaberry, J. J.	53.70		
Thamann, John H.	38.30		
Thiem, Edwin B.	9.92		
Thomas, R. H.	4.20		
		Total.	46,283.02

Total amount of appropriation.....\$3,000,000.00  
 Total expenditures under above groups.....2,924,129.90

Unexpended balance on August 31, 1910.....75,870.10  
 Repayments to credit of appropriation.....195.22

Net unexpended balance.....76,065.32  
 Outstanding liabilities (estimated).....13,565.32

Balance to be turned back in Treasury (estimated).....62,500.00

*Expenditures of the Department of Agriculture for the fiscal year ended June 30, 1910.*

### RECAPITULATION.

Statutory salaries.....	\$105,029.02
Lump-fund salaries in Washington.....	240,397.16
Lump-fund salaries outside of Washington.....	3,370,660.65
Stationery.....	11,906.70
Miscellaneous supplies and services, equipment, books, machinery, etc.....	123,735.64
Furniture.....	2,841.55
Fuel.....	1,251.98
Freight.....	2,326.15
Express.....	1,544.35
Telegraph.....	679.20
Telephone.....	4,380.74
Rent.....	24,881.52
Gas and electricity.....	847.48
Apparatus, instruments, and laboratory material.....	19,282.03
Travel and station and field expenses.....	321,889.69
<b>Total for entire Bureau of Animal Industry.....</b>	<b>4,231,653.86</b>
<b>Total amount of appropriations.....</b>	<b>4,427,860.00</b>
<b>Total expenditures under above groups.....</b>	<b>4,231,653.86</b>
Unexpended balance on August 31, 1910.....	196,206.14
Repayments to credit of appropriations.....	1,655.70
Net unexpended balance.....	197,861.84
Outstanding liabilities (estimated).....	41,844.57
Balance to be turned back in Treasury (estimated).....	156,017.27

### PROJECTS.

The principal projects conducted by the Bureau of Animal Industry during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

#### INSPECTION AND MOVEMENT OF SOUTHERN CATTLE.

This work covers the enforcement of the quarantine against the area infested with ticks which convey the disease generally known as "Texas or southern fever," the supervision of the movement of cattle therefrom, and their transportation and handling in the stock yards, and cleaning of cars in accordance with the regulations (\$31,994.81).

#### ERADICATION OF CERTAIN ANIMAL DISEASES.

This work was carried on principally in the range States and Territories and at feeding stations and stock yards. It involves the inspection and dipping of large numbers of sheep and cattle for scabies, the inspection of horses for glanders, and sheep for necrobacillosis (lip and leg disease), the issuance of certificates and the supervision of transportation, and cleaning of cars (\$491,632.21).

#### INSPECTION OF ANIMALS FOR EXPORT AND IMPORT.

This work is carried on at the more important stock yards, ports on the Atlantic and Pacific seaboard, the Canadian and Mexican borders, and consists in the careful inspection of all animals. An inspection is also made of vessels carrying such animals to see that they are properly fitted and equipped as prescribed by the department regulations (\$44,318.38).

#### SPECIAL INVESTIGATIONS.

This work consists in the investigation of reported outbreaks of disease in the different States, the tuberculin testing of cattle, and mallein testing of horses, and has for its purpose the repression of animal diseases by cooperation with the State authorities (\$34,254.27).

#### ERADICATION OF CATTLE TICKS.

This work, done in cooperation with State authorities, was conducted in 12 States. It was carried on mainly in areas contiguous to the Texas fever quarantine line, and includes the inspection of cattle, the location of infected animals and premises, their reinspection, and their treatment, or supervision or direction of same, with a view to freeing such areas of Texas fever ticks in order that the quarantine may be removed therefrom (\$243,591.07).



## DAIRY INVESTIGATIONS AND INSPECTION OF DAIRY PRODUCTS.

This work covers general investigations in dairy subjects; special lines of work relating to dairy organizations, laws and development of foreign markets; investigations in the manufacture of dairy products; inspection of dairy exports and of factories and markets for renovated butter (\$125,711.29).

## INVESTIGATIONS IN ANIMAL HUSBANDRY.

This work includes the collection of information relating to the breeding and feeding of farm animals and the supervision of pedigree-record associations (\$33,596.83).

## SCIENTIFIC INVESTIGATIONS RELATING TO ANIMAL DISEASES.

This work is carried on for the purpose of studying the causes of diseases affecting animals and of ascertaining the methods best adapted for controlling and curing them. It includes investigations and experiments along various lines, the preparation and distribution of blackleg vaccine, tuberculin, and mallein, and requires the maintenance of laboratories and an experiment station (\$101,721.47).

## PURCHASE OF EXPERIMENTAL FARM.

Four hundred and eighty and forty-five one-hundredths acres of land was purchased near Beltsville, Md., for \$25,000, where investigations in animal husbandry and dairying will be conducted (\$25,000).

## GENERAL SUPERVISION AND MISCELLANEOUS WORK.

The general administrative work of the bureau cost \$51,993.38.

## EXPERIMENTS IN FEEDING AND BREEDING.

This work includes experiments in animal feeding and breeding in cooperation with State experiment stations (\$45,500).

## MEAT INSPECTION.

This work was carried on at 919 establishments in 237 cities and towns. It covers the ante-mortem inspection of animals to be slaughtered and the post-mortem inspection of their carcasses, the reinspection of meats and meat-food products prepared therefrom, the supervision of processes of preparation of meats and meat-food products, and the handling or other marking of wholesome carcasses, parts, and meat-food products, prepared for interstate or export trade, and the issuance of certificates to accompany export products; also the condemnation and disposition of carcasses, parts of carcasses, and meat-food products that are found to be unwholesome and unfit for human food (\$2,937,500).

## BUREAU OF PLANT INDUSTRY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Galloway, B. T. ....	Chief of Bureau, at \$5,000 .....	\$5,000.00	\$621.44
Jones, James E. ....	Chief clerk, at \$2,250 .....	2,250.00	
Rockwell, J. E. ....	Editor, at \$2,000 .....	2,000.00	
Butterfield, E. C. ....	Superintendent of gardens and grounds, at \$1,800 .....	1,800.00	174.82
Cox, W. P. ....	Officer in charge of records, at \$2,000 .....	2,000.00	
Fealy, Nellie E. ....	Executive clerk, at \$1,980 .....	1,980.00	
Jones, O. F. ....	do .....	1,980.00	
Long, W. W. ....	do .....	1,980.00	140.55
Bradley, E. E. ....	Clerk, class 4 .....	1,800.00	
Callander, W. F. ....	do .....	1,800.00	
Marcy, W. L. ....	do .....	1,800.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Taylor, W. E.	Clerk, class 4	\$1,800.00	
Albee, R. S.	Clerk, class 3	1,600.00	
Benner, H. A.	do	1,600.00	
Ferrall, John A.	do	1,600.00	
Gochenour, W. P.	do	1,600.00	
Huddleson, S. M.	do	1,600.00	
Meloy, F. E.	do	1,600.00	
Saunders, B. C.	do	1,600.00	
Wight, J. C.	do	1,600.00	
Sillig, O. F.	Clerk, at \$1,500	1,500.00	
Ball, W. A.	Clerk, class 2	1,400.00	
Caruthers, R. P.	do	1,400.00	
Davenport, L. H.	do	1,400.00	
Grant, Charles V.	do	1,400.00	
Kinney, A. H. B.	do	1,400.00	
Lane, K. W.	do	1,386.39	
McClure, Mary H.	do	1,400.00	
Meloy, Guy S.	do	1,400.00	\$1.35
Oberly, Eunice R.	do	1,400.00	
Passmore, D. C.	do	1,400.00	
Reed, Chas. W.	do	1,400.00	
Shepherd, A. C.	do	1,400.00	
Sweet, M. L.	do	1,400.00	
Adams, C. W.	Clerk, class 1	1,200.00	
Allen, Jessie M.	do	1,200.00	
Ashmore, C. D.	do	1,153.33	
Austin, Ella M.	do	1,194.99	
Balley, R. V.	do	1,200.00	
Church, Lillian	do	1,200.00	
Coit, Jennie L.	do	1,196.67	118.05
Collier, Wm.	do	1,200.00	
Connor, Bernard	do	350.00	
Dundas, John M.	do	366.67	
Cramer, Grace M.	do	1,200.00	
Escavaille, C. L.	do	400.00	
Quirk, Agnes	do	100.00	
Zapoleon, Louis B.	do	600.00	
Gary, Kate F.	do	1,200.00	
Gordon, Edith F.	do	1,200.00	
Graham, J. P.	do	1,188.33	
Herrick, Emma C.	do	1,200.00	
Hicks, E. E.	do	1,200.00	
Hugins, F. A.	do	1,200.00	
McDonell, E. E.	do	1,200.00	
McQuinn, H. L.	do	1,200.00	
MacMorris, Laura	do	1,200.00	
Moise, Frederic S.	do	1,200.00	
Morrison, G. W.	do	1,200.00	
Newton, A. A.	do	1,200.00	
Parker, S. M.	do	1,200.00	
Price, Nellie V.	do	1,150.00	
Quirk, Agnes	do	100.00	
Smith, L. J.	do	990.00	
Schutt, Ellen I.	do	1,200.00	
Taylor, Thos. C.	do	1,200.00	
Warner, M. F.	do	1,150.00	
Williams, A. H.	do	1,200.00	
Woolverton, Pearl	do	1,200.00	
Estler, Harry S.	Seed clerk and superintendent, at \$1,200	1,200.00	
Dundas, John M.	do	225.00	
Howell, Edna D.	Clerk, at \$1,080	765.00	
Zapoleon, Louis B.	do	90.00	
Atwood, Alice C.	Clerk, at \$1,000	902.76	
Bagley, M. H.	do	1,000.00	
Ball, James S.	do	375.00	
Carmack, E. D.	do	611.11	
Baxter, Mary A.	do	1,000.00	
Bechtold, Frank E.	do	1,000.00	
Carmack, E. D.	do	83.34	
Field, Frances T.	do	322.22	
Wallschlaeger, F. O.	do	588.33	

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Connor, Bernard		\$625.00	
Dundas, John M.	Clerk, at \$1,000	83.33	
Vansant, Elsie		291.67	
Corrick, H. K.	do	1,000.00	
Cresswell, Chas. F.	do	333.34	
Escavaille, C. L.	do	666.66	
Holland, John D.	do	1,000.00	\$13.85
Howell, Edna D.	do	288.90	
Palmer, W. L.	do	708.33	
Johnston, Gertrude M.	do	1,000.00	
Martin, Alice R.	do	1,000.00	
Merick, Lovina S.	do	250.00	227.27
Schneider, Mary M.	do	747.22	
Phelps, Nora H.	do	1,000.00	
Rose, L. B.	do	1,000.00	305.90
Ross, Matilda	do	1,000.00	
Sawyer, Alice M.	do	1,000.00	
Zell, Carrie	do	1,000.00	
Atkinson, Edwin D.	Clerk, at \$900.	900.00	
Belt, Artridge	do	900.00	
Burke, Edmund	do	642.50	
Graham, Grace	do	225.00	
Connor, Bernard	do	75.00	
Smith, Lucy	do	762.50	
Dewdney, Marie V.	do	895.00	
Hall, Albert C.	do	900.00	
Humphries, Walter R.	do	900.00	
Klett, Anna C.	do	525.00	
McQueen, Lillian	do	102.50	
McDowell, H. P.	do	300.00	
Cresswell, Chas. F.	do	600.00	
Palmer, W. L.	do	262.50	
Wulfert, Margaret A.	do	637.50	
Prentiss, A. M.	do	900.00	
Sliter, E. L.	do	900.00	
Snyder, Evva M.	do	900.00	
Vansant, Elsie	do	632.50	
Wilmeth, John F.	do	205.00	
Wallschlaeger, F. O.	do	300.00	
Welborn, Ella	do	600.00	
Austin, David V.	Clerk, at \$840.	210.00	88.60
McDowell, H. P.	do	560.00	
Ballard, Clara E.	do	840.00	
Chandler, H. F.	do	595.00	
Wulfert, Margaret A.	do	245.00	
Clyne, James V.	do	350.00	
Klett, Anna C.	do	350.00	
Owen, Abbie	do	140.00	
Colne, Harriet	do	840.00	
Fenton, Sallie B.	do	814.33	
Græff, Peter B.	do	840.00	
Graham, Grace	do	626.49	
McLaughlin, Susan	do	210.00	
Hall, C. L.	do	840.00	
Holland, Mary E.	do	506.33	
Welborn, Ella	do	280.00	
Lewis, Ella	do	840.00	
O'Hare, Joseph S.	do	630.00	
Russ, Blanche	do	700.00	
Shekells, Mabel A.	do	70.00	
Smith, Lucy	do	70.00	
Smith, Pearl R.	do	805.00	
Thomson, Mabel G.	do	14.00	
Tyler, Clara H.	do	840.00	
Weaver, Elizabeth I.	do	840.00	
Hurdle, Ivy V.	Clerk, at \$800.	777.77	
Bragdon, C. K.	Clerk, at \$720.	720.00	
Brodie, C. E.	do	360.00	
Downes, M. A.	do	360.00	10.40
Bryan, Ethel V.	do	240.00	
Roberts, Harry	do	240.00	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Chandler, H. F.		\$210.00	
Hurdle, Elizabeth E.	Clerk, at \$720	240.00	
Staves, Marion C.		270.00	
Clyne, James V.		288.00	
Owen, Abbie.	do.	180.00	
Ramsay, Robert E.		100.00	
Schapira, Joseph.		120.00	
Hardenstein, F. P.	do.	716.00	
Harrison, Bessie K.	do.	690.00	
Smith, Pearle R.		30.00	
Lower, Elsie E.		180.00	
Lynch, John T.	do.	50.00	
McLaughlin, Susan.		180.00	
Viehmeier, Frank J.		300.00	
Millott, Eugene.	do.	720.00	
Muhleman, B. M.	do.	720.00	
Palmer, Jessamine L.	do.	300.00	
Townsend, Karl H.		120.00	
Peacock, Eva M.	do.	720.00	
Rand, Clara C.	do.	720.00	
Campbell, Susan T.	Clerk, at \$660	165.00	
Lower, Elsie E.		495.00	
Evans, Lula M.		110.00	
Harrison, Bessie K.	do.	27.50	
Owen, Abbie.		357.50	
Townsend, Karl H.		165.00	
Hurdle, Elizabeth E.		247.50	
Jones, Robert.	Clerk or laborer, at \$660.	220.00	
Staves, Marion C.		110.00	
Viehmeier, Frank J.		55.00	
Cookman, C. E.	Laborer, at \$660	656.33	
Cutshall, G. W.	do.	660.00	
Jones, Thos. B., jr.	do.	660.00	
Minor, G. O.	do.	660.00	
Sullivan, W.	do.	660.00	
Barber, E. E.	Clerk, at \$600	600.00	
Evans, Lulu M.		345.00	
Selecman, C. M. R.	do.	150.00	
Stritzinger, F. J.		70.00	
Haines, Hazel.	do.	523.33	
Owen, Abbie.		25.00	
Skippon, C. D.	do.	101.67	
Todd, Blanche.		350.00	
Clyne, James V.	Clerk or messenger, at \$600.	10.00	
Mann, Howard Q.		400.00	
Frazer, Frankie.		250.00	
Pierce, J. F.	do.	175.00	
Townsend, Karl H.		175.00	
Winkler, J. H.	Messenger, at \$600	600.00	
Davis, Hugh M.	Laborer, at \$600	600.00	
Edelen, Eoline K.	do.	600.00	
Franklin, C. D.	do.	600.00	
Hammersley, J. J.	do.	463.33	
Miller, Walter S.		100.00	
Massie, Mattie L.	do.	600.00	
Lee, Frank.	do.	600.00	
Sholl, Alpheus.	do.	555.00	
Trotter, Stance J.	do.	600.00	
Dulin, Mary S.	Assistant photographer, at \$600	600.00	
Walter, R. B.	Carpenter, at \$900	900.00	
Smith, W. A.	Carpenter, at \$840	840.00	
Bisset, David.	Gardener, at \$1,000	1,000.00	\$2.70
Gauges, Joseph A.	do.	597.22	
Bullen, Charles.		402.78	
Byrnes, J. Wise.	Gardener, at \$900	900.00	
Dawson, John P.	do.	900.00	
Graner, Mike.	do.	900.00	
Keller, Charles.	do.	362.50	
Haase, Henry F.	do.	537.50	
Quinn, James.	do.	750.00	
Klopfer, Henry.	do.	150.00	
Ecton, Thomas G.	do.	900.00	42.70
	Gardener, at \$840.	840.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Haase, Henry F.	Gardener, at \$840.	\$140.00	
Jolliff, Jesse O.		700.00	
Boyle, Henry H.	Gardener, at \$780.	780.00	
Evans, W. D.		292.50	
Graner, Mike.	do.	335.83	
Jolliff, Jesse O.		130.00	
Hauser, Ernest.	do.	780.00	
Olden, John W.	do.	780.00	
Evans, W. D.		330.00	
Graner, Mike.	Gardener, at \$720.	120.00	
Paget, Wilmer J.		270.00	
Fraile, M.	do.	720.00	
Haws, Henry.	do.	712.00	
Hull, Wm. S.	do.	720.00	
Kletsch, Ernest.		600.00	
May, Eugene, jr.	do.	120.00	
Evans, W. D.		110.00	
Garrison, James W.	Gardener, at \$660.	110.00	
May, Eugene, jr.		440.00	
Lucas, W. R.	do.	660.00	
Paget, Wilmer J.	do.	412.50	
Smith, Edward F.		247.50	
Carberry, James L.		73.33	
Garrison, James W.	Gardener, at \$600.	85.00	
May, Eugene, jr.		100.00	
Smith, Edward F.		260.00	
Maxwell, C. R.	Skilled laborer, at \$900.	900.00	
Buckley, Margaret.	Skilled laborer at \$840.	840.00	
Orton, W. S., sr.	Painter, at \$840.	840.00	
Butler, John L.		296.33	
Leapley, Harry T.	Plumber, at \$840.	21.00	
Woodward, Charles R.		403.67	
Schubert, Charles J.	do.	840.00	
Bryant, R. A.	Skilled laborer, at \$720.	720.00	
Duffy, Sadie.	do.	720.00	
Frazier, C. T.	do.	702.00	
Kelly, J. W.	do.	720.00	
Page, J. E.	do.	720.00	
Schultheis, W. H.	do.	720.00	
Smith, Mary J.	do.	720.00	
Willis, W. E.	do.	720.00	
Allen, Tibbett.	Skilled laborer, at \$540.	447.00	
Hardy, Iverson T.		67.50	
Brodie, C. E.		270.00	
Frost, Fred C.	do.	90.00	
Miller, Walter S.		157.50	
Clinkett, Isaac.	do.	540.00	
Gordon, John C.	do.	540.00	
Dickerson, Ernest O.	Messenger, at \$480.	480.00	
Ethridge, J. W.	do.	480.00	
Langford, James B.	do.	480.00	
Lingle, Albert F.	do.	480.00	
Thompson, Elmer.	do.	480.00	
Connors, John J.	Messenger or messenger boy, at \$480.	220.00	
Miller, Walter S.		260.00	
Davis, R. Nelson.	do.	280.00	
Roby, John H.	do.	200.00	
Flaherty, Emery R.	do.	230.67	
Lynch, Lewis M.	do.	249.33	
Frost, Fred C.	do.	400.00	
Weisbrod, Harry N.	do.	40.00	
Mann, Howard Q.	do.	158.67	
Stouffer, Albert F.	do.	300.00	
Sando, William J.	do.	280.00	
Townsend, Karl H.	do.	133.33	
Stely, Daniel H.	do.	124.00	
Turner, Olan E.	do.	320.00	
Stephenson, Perry J.	do.	280.00	
Whitlook, Harry T.	do.	133.33	
Mebfellt, Archie W.	Messenger boy, at \$480.	420.00	
Murphy, R. O. D.		40.00	
Clark, John H.		150.00	
Roby, John H.	Messenger boy, at \$360.	60.00	
Sands, William J.		150.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Plant Industry, 1910, \$210,510"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Connors, John J.		\$150.00	
Fetzer, Harvey A.		30.00	
Mehlfelt, Archie W.	Messenger boy, at \$360.	45.00	
Weisbrod, Harry N.		135.00	
Flaherty, Emery R.		37.00	
Fuller, Walter		93.00	
Murphy, R. O. D.	do.	15.00	
Stely, Daniel H.		80.00	
Stevenson, Perry J.		135.00	
Lynch, John H.	do.	360.00	
Clark, John H.		50.00	
Fetzer, Harvey A.		81.67	
Roby, John H.	Messenger boy, at \$300.	124.17	
Wells, Howard L.		21.67	
Connors, John J.		37.50	
Flaherty, Emery R.		81.67	
McCarthy, A. P.	do.	57.50	
Stely, Daniel H.		30.83	
Lewis, C. I. M.		10.00	
Snyder, Melvin J.	do.	75.00	
Thomas, Millard L.		61.67	
Weisbrod, Harry N.		69.17	
Total.		206,807.51	

Total amount of above appropriation.....\$210,510.00

Total amount paid for salaries.....206,807.51

Unexpended balance.....3,702.49

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Pathological Laboratory), \$22,470."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Smith, Erwin F.	Pathologist, at \$3,240.	\$3,240.00	
Patterson, Flora W.	Mycologist, at \$1,800.	1,700.00	\$172.26
McKenney, R. E. B.	Expert, at \$150 per month.	1,650.00	
Charles, Vera K.	Assistant, at \$1,400.	1,400.00	
Hedges, Florence	do.	346.11	
Johnston, John R.	Assistant, at \$1,400; and assistant pathologist, at \$1,620.	1,482.49	219.81
McCulloch, Lucia.	Assistant, at \$1,200.	1,196.67	
Veihmeyer, F. J.	Assistant, at \$1,020.	255.00	
Bryan, Mary K.	Assistant, at \$960.	960.00	
Quirk, Agnes.	Aid, at \$1,200.	950.00	
Fitzpatrick, Beulah.	Aid, at \$720.	720.00	
Brewer, James F.	Artist, at \$1,400.	1,400.00	
Gauges, Jos. A.	Gardener, at \$1,100.	443.06	
Kerr, James K., sr.	do.	183.33	
Freeman, James L.	Gardener, at \$720.	660.00	
Rowen, J. D., jr.	Gardener, at \$60 per month.	288.00	
Bitter, Harry.	Greenhouse assistant, at \$25 per month.	125.00	
Calwell, George.	Laborer, at \$55 per month and \$60 per month.	687.50	
Martin, Joseph.	Laborer, at \$40 per month and \$50 per month.	475.00	
Walter, Olin A.	Unskilled laborer, at \$720.	420.00	
Total.		18,642.16	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Pathological Laboratory), \$22,470"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Andrews Paper Co., R. P.	\$0.70	Derby Desk Co.	\$21.00
Ballantyne, R. Carter.	2.25	Gimbel, Ellis A.	5.36
Clarke Co., R. P.	.45	Lansburgh Furniture & Carpet Co.	4.50
Contingent expenses, Department of		Library Bureau.	3.00
Agriculture.	104.69	Linecoln, Fred S.	623.98
Library Bureau.	7.50	Moses & Sons, W. B.	26.92
Lincoln, Fred S.	271.31	Total.	684.76
Lindemeyr, Philip.	9.75		
Schmidt, Fred A.	13.92	<i>Freight.</i>	
Swayze, W. L.	6.20		
Total.	416.77	Roosa, I. F.	1.00
<i>Miscellaneous supplies, etc.</i>		<i>Express.</i>	
American Floor Surface Machine Co.	30.00	Adams Express Co.	9.80
Ballou, W. H.	3.00	United States Express Co.	11.59
Barber & Ross.	19.33	Total.	21.39
Bartholomew, Elam.	18.30		
Bedell Manufacturing Co.	4.32	<i>Telegraph.</i>	
Bernstein Manufacturing Co.	6.50		
Betz, Ernest.	2.00	Postal Telegraph-Cable Co.	.20
Bierstadt & Son, Wm.	1.25	Western Union Telegraph Co.	.90
Brenckle, J. F.	12.50	Total.	1.10
Burlingham, Gertrude S.	8.00		
Contingent expenses, Department of		<i>Apparatus, instrument, and laboratory material.</i>	
Agriculture.	127.95		
Copeland Co., M. G.	3.75	Bausch & Lomb Optical Co.	155.34
Corbett, Geo. E.	8.00	Becker, Christian.	93.75
Davis & Son, Jno. A.	4.50	Boyd & Co., F. O.	69.47
Di Giorgio & Co., Jos.	2.50	Eastman Kodak Co.	47.70
Dulin & Martin (Inc.)	10.85	Eimer & Amend.	22.77
Engel's Sons, E.	.80	Flemer, Lewis.	37.20
Espey, John B.	.49	Gilman, Z. D.	39.53
Estler & Son, T. W.	58.91	Green, Henry J.	7.50
Friedlander & Sohn, R.	7.31	Greiner Co., Emil.	40.00
Gatti & Bro., Joseph E.	.60	Greiner & Friedrich.	47.84
Greiner & Friedrich.	47.84	Kny-Scheerer Co.	86.00
Griscom-Spencer Co.	1.32	Leese, M. A.	11.75
Haas, Joseph S.	5.00	Leitz, Ernest.	9.00
Hardie, A. L.	12.75	Lenz & Lossau.	13.35
Hartley-Smith, Chas. E.	2.92	Lewis, J. L.	.83
Junk, W.	8.45	Luthin, R. H.	21.00
Lambie Co., James B. (Inc.)	1.74	Mackall Bros.	119.03
Lansburgh & Bro.	2.50	Merck & Co.	37.10
Lentz & Sons, Chas.	2.30	Muth Bros. & Co.	1.40
Lindsay Rubber Manufacturing Co., M.	54.72	Pullinan, E. J.	12.80
Muth & Co., Geo. F.	11.65	Sargent & Co., E. H.	18.00
Perry, E. O.	4.00	Schmidt, Fred A.	.30
Pinkham & Smith Co.	1.30	Shoemaker & Busch.	7.56
Randolph Paper Box Co.	32.00	Spencer Lens Co.	20.32
Rehm, Dr. H.	15.50	Squibb & Sons, E. R.	.56
Rudolph & West Co.	2.32	Thomas, Arthur H.	63.75
Schmidt, Edw. S.	1.70	Whitall Tatum Co.	47.05
Seaver, Fred J.	6.00	Total.	1,030.90
Southern Ry. Co.	25.00		
Steege, Mrs. C. R.	6.80	<i>Travel and station and field expenses.</i>	
Utterwick, Henry.	14.50		
Washington Rubber Co.	11.55	Johnston, John R.	219.81
Weigel, Theodor Oswald.	53.45	Patterson, Flora W.	172.26
Whyte, Warren M.	1.50	Total.	392.07
Woodward & Lothrop.	8.40		
Zichtl & Co., A.	12.40		
Total.	678.21		

Total amount of appropriation.....\$22,470.00  
 Total expenditures under above groups.....21,868.36

Unexpended balance on Aug. 31, 1910.....601.64  
 Outstanding liabilities (estimated).....472.19

Balance to be turned back in Treasury (estimated).....129.45

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (fruit diseases), \$34,700."

## LUMP-SUM SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Walte, M. B.	Pathologist, at \$2,750.	\$2,750.00	\$395.74
Shear, C. L.	Pathologist, at \$2,500.	2,500.00	184.24
Scott, W. M.	Pathologist, at \$2,250.	2,250.00	508.40
Shull, J. Marion.	Expert, at \$1,400.	1,283.34	
Beckwith, Angie M.	Expert, at \$900.	225.00	
Miles, Geo. F.	Scientific assistant, at \$1,400 and \$1,620.	1,249.16	549.50
O'Gara, P. J.	Scientific assistant, at \$1,500.	250.00	1,166.80
Roberts, John W.	Scientific assistant, at \$1,380.	1,265.00	416.35
Ayres, T. W.	Scientific assistant, at \$1,200.	500.00	234.02
Ballard, W. S.	do.	300.00	850.13
Hawkins, Lon A.	do.	850.00	537.52
Hasse, Clara H.	Assistant, at \$1,200.	1,200.00	
Rand, Frederick V.	do.	1,200.00	555.81
Wood, Anna K.	do.	700.00	
Bitter, Harry.	Assistant, at \$25 per month.	75.00	
Clark, Mary O.	Clerk, at \$90 per month.	371.00	
Warren, Marie J.	Clerk, at \$720.	51.00	
Hurdle, Elizabeth E.	Clerk, at \$600.	175.00	
Cooksey, Wm. R.	Carpenter, at \$900.	75.00	
Montgomery, John P.	Laborer, at \$50 per month.	100.00	
Total.....		17,369.50	
<i>Out of Washington.</i>			
O'Gara, Patrick J.	Scientific assistant, at \$1,500.	1,250.00	
Miles, Geo. F.	Scientific assistant, at \$1,400.	233.33	
Roberts, John W.	Scientific assistant, at \$1,380.	115.00	
Ayres, Thomas W.	Scientific assistant, at \$1,200.	100.00	
Ballard, W. S.	Scientific assistant at \$1,200 and \$1,440.	1,010.00	
Hawkins, Lon A.	Scientific assistant, at \$1,200.	350.00	
Stahl, J. L.	Special agent, at \$110 per month.	365.00	196.18
Keitt, C. W.	Special agent, at \$100 per month.	310.00	182.76
Middleton, W. A.	Special agent, at \$85 per month.	255.00	129.30
Pierce, Leslie.	Special agent, at \$75 per month, and expert, at \$1,200, and agent, at \$1,200.	600.00	402.02
Total.....		4,586.33	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ballantyne, R. Carter.	\$6.55	Bean Spray Pump Co.	\$25.80
Contingent expenses, Department of Agriculture.	158.00	Beckman, Welch & Thompson Co.	6.50
Lamb & Tilden.	3.76	Bolgiano & Co., F. W.	111.75
Library Bureau.	11.70	California Rex Spray Co.	16.00
Lindemeyer, Philip.	1.50	California Spray Chemical Co.	39.67
Morrison Paper Co., E.	11.40	Clarke Co., R. P.	1.19
Schmidt, Fred A.	24.47	Cochran & Co., R. E.	10.00
Siebert & Trussell Manufacturing Co.	5.58	Continental Rubber Works.	12.40
Silbert, John F.	2.40	Contingent expenses, Department of Agriculture.	122.12
Ziehl & Co., A.	5.16	Cooper Bros.	8.13
Baumgarten & Sons Co., J.	2.40	Dulin & Martin (Inc.)	135.00
Total.....	232.92	Ellison, J. M.	10.00
<i>Miscellaneous supplies, etc.</i>		Ellison, Son & Co., J. W.	19.49
Ballard, W. S.	24.00	Espey, John B.	5.83
Barber & Ross.	12.89	Fort Valley Lumber Co.	91.45
Barnwell, Chas. M.	19.12	Friend Manufacturing Co.	3.40
Bates Numbering Machine Co.	6.00	Glen St. Mary Nurseries Co.	15.00
		Grasselli Chemical Co.	45.16
		Griscom Spencer Co.	.11
		Hale Georgia Orchard Co.	30.00

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (fruit diseases), \$34,700"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Telephone.</i>	
Hood & Co., W. T.	\$20.00	Chesapeake & Potomac Telephone Co.	\$2.90
Housh Co.	36.19		
Jennings, John W.	3.00	<i>Rent.</i>	
Lambie Co., Jas. B. (Inc.)	.91	Crocker, Mrs. A. B.	120.00
Leadbeater & Sons, E. S. (Inc.)	43.87		
Lupton, S. L.	28.00	<i>Apparatus, instruments, and laboratory material.</i>	
Mallory Mill Supply Co.	28.75	Baker & Co.	135.13
Miller, L. P.	17.50	Bausch & Lomb Optical Co.	223.79
Model Drug Store.	5.85	Caire, Justinian Co.	101.96
Monarch Typewriter Co.	246.00	Columbia Photo Supply Co.	.60
Morrill & Morley	64.58	Dantzier, M. O.	15.45
Murphy Co., F. J. (Inc.)	10.31	Eastman Kodak Co.	80.09
Muth & Co., Geo. F.	2.43	Eimer & Amend.	10.68
Nawrath, J. P.	7.98	Feigel & Bro., M.	1.29
New Hampshire Agricultural Experiment Station.	24.95	Flemer, Lewis.	3.46
O'Donnell, W. J.	6.50	Gilman, Z. D.	13.45
Pajaro Valley Mercantile Co.	22.30	Green, Henry J.	8.00
Ruddesal, O. V.	34.00	Greiner, Emil Co.	34.50
Remington Typewriter Co.	6.50	International Chemical Co.	6.00
Renfret Livery Stable.	1.50	Leese, M. A.	23.49
Rudolph & West Co.	7.20	Leitz, Ernest	6.28
Seeley, J. S.	48.00	Lenz & Lossan.	1.75
Shephard, F. P.	30.00	Lewis, J. L.	1.08
Sherwin Williams Co.	8.96	Mackall Bros.	48.90
Smith, C. E.	71.90	Pullman, E. J.	4.67
Smith-Premier Typewriter Co.	2.50	Schmidt, Fred A.	46.70
Stainton, W. H.	8.00	Schneider Brothers.	5.20
Suisun City Stables.	78.00	Scientific Materials Co.	3.94
Suisun Implement Co. (Inc.)	73.66	Sheetz, W. Silas.	7.60
Suisun Lumber Co.	61.85	Spencer Lens Co.	298.39
Thompson, C. L.	15.00	Squibt & Sons, E. R.	1.14
Tribbett, W. E.	29.40	Sussman Photo Stock Co., J.	6.30
Tuttle, Roy L.	46.15	Thomas, Arthur H.	33.79
Underwood Typewriter Co.	6.00	Thomsen Chemical Co.	167.24
Van Natta Drug Co.	5.00	Voigtlander & Sohn Optical Works,	
War Department.	14.53	A. G.	3.50
Washington Market Co.	2.50	Whitall, Tatum Co.	2.72
Watts, John L.	41.72	Zeiss, Carl.	353.75
Welsbach Co.	23.65		
Wood, Mary	28.75		
Woodward & Lothrop	2.46		
Total.	1,987.36	Total.	1,650.85
<i>Furniture.</i>		<i>Travel and station and field expenses.</i>	
Derby Desk Co.	21.00	Ayres, T. W.	234.02
Lincoln, Fred S.	433.55	Ballard, W. S.	850.13
Moses & Sons, W. B.	48.50	Faurot, F. W.	220.29
Yawman & Erbe Manufacturing Co.	15.05	Hawkins, Lon A.	537.52
Total.	518.10	Keltt, George W.	182.76
<i>Express.</i>		Middleton, W. A.	129.30
Adams Express Co.	30.02	Miles, Geo. F.	397.70
United States Express Co.	28.38	O'Gara, P. J.	1,166.80
Total.	58.40	Pierce, Leslie	402.02
<i>Telegraph.</i>		Rand, F. V.	555.81
Postal Telegraph-Cable Co.	.40	Roberts, J. W.	416.35
Western Union Telegraph Co.	23.75	Scott, W. M.	508.40
Total.	34.15	Shear, C. L.	184.24
		Stahl, Jno. L.	196.18
		Waite, M. B.	395.74
		Total.	6,377.26

Total amount of appropriation	\$34,700.00
Total expenditures under above groups	32,927.77
Unexpended balance on Aug. 31, 1910	1,772.23
Outstanding liabilities (estimated)	439.49
Balance to be turned back in Treasury (estimated)	1,332.74



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation General Expenses, Bureau of Plant Industry, 1910 (Forest Pathology) \$16,540. (Original subappropriation of \$17,340 decreased by transfer of \$800 to Grain Investigations).

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Metcalf, Haven	Pathologist, at \$2,460	\$2,460.00	\$420.17
Hedgecock, Geo. G.	Pathologist, at \$1,800	1,800.00	722.38
Spaulding, Perley	Pathologist, at \$1,620	1,620.00	722.43
Hartley, Carl P.	Assistant, at \$1,400	1,400.00	431.68
Humphrey, C. J.	Expert, at \$1,400 and assistant, at \$1,400	1,400.00	738.20
Tiller, Ruby J.	Aid, at \$720 and \$840	775.00	60.00
Rowen, J. D., jr.	Gardener, at \$60 per month	210.00	
Thompson, Harry	Laborer, at \$720	240.00	520.86
Total		9,905.00	
<i>Out of Washington.</i>			
Graves, Arthur H.	Expert, at \$150 per month	450.00	383.33
Meinecke, Emile P.	Expert, at \$135 per month	270.00	22.65
Collins, J. Franklin	Special agent, at \$150 per month, and collaborator, at \$15 per month.	450.00	314.19
Total		1,170.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Hard Rubber Co.	\$0.16	Remington Typewriter Co.	\$1.70
Andrews Paper Co., R. P.	1.45	Rockwell, Charles F.	1.09
Ballantyne, R. Carter	2.00	Rudolph & West Co.	.96
Contingent expenses, Department of Agriculture	58.86	Schattenberg, G. A.	3.50
Jenkins, Chas. S.	8.00	Schumacher, A.	10.00
Lamb & Tilden	3.83	Steckert & Co., G. E.	16.63
Library Bureau	10.00	Topham, James S.	14.50
Lincoln, Fred S.	17.00	Walford, D. N.	2.00
Morrison Paper Co., E.	1.20	Woodward & Lothrop	7.37
Neidich Process Co.	.43	Zichtl & Co., A.	12.90
Schmidt, Fred A.	2.21	Zon, Anna	39.20
Stott & Co., Charles G.	5.20	Total	343.26
Swayze, W. L.	1.87		
Total	112.21	<i>Furniture.</i>	
<i>Miscellaneous supplies, etc.</i>		Lincoln, Fred S.	54.78
American Barber Supply Co.	1.25	Moses & Sons, W. B.	78.15
American Can Co.	5.13	Total	132.93
Barber & Ross	12.16	<i>Freight.</i>	
Carl, Frederick	.16	Blue Line Transfer Co.	.25
Collateral Loan Co.	1.50	Chicago & Northwestern Ry. Co.	11.32
Contingent expenses, Department of Agriculture	23.23	Knox Express Co., The Geo. W.	7.48
Gilbert, Ottonie E.	15.60	Roosa, I. P.	3.25
Kritch, Charles E.	2.50	Total	22.30
Lambie Co., James B. (Inc.)	4.21	<i>Express.</i>	
Meehan & Sons, Thos.	3.60	Adams Express Co.	26.76
Morril & Morley	1.75	United States Express Co.	7.95
National Sporting Goods & Auto Apparel Co. (Inc.)	.75	Total	34.71
Parey, Paul	48.28		
Patersen, N. F.	2.00		
Randolph Paper Box Co.	95.25		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation General Expenses, Bureau of Plant Industry (Forest Pathology), \$16,540, etc.—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Postal Telegraph-Cable Co.....	\$0.20	Schmidt, Fred A.....	\$4.42
Western Union Telegraph Co.....	15.95	Shoemaker & Busch.....	38
Total.....	16.15	Spencer Lens Co.....	214.67
<i>Telephone.</i>		Stoelting Co., C. H.....	10.00
Chesapeake & Potomac Telephone Co., The.....	6.00	Sussman Photo Stock Co., J.....	5.08
<i>Apparatus, instruments, and laboratory material.</i>		Thomas, Arthur H.....	70.68
Bausch & Lomb Optical Co.....	78.03	Whitall, Tatum Co.....	2.47
Eastman Kodak Co.....	34.89	Zeiss, Carl.....	96.13
Eimer & Amend.....	2.53	Total.....	582.56
Flemer, Lewis.....	12.62	<i>Travel and station and field expenses.</i>	
Gilman, Z. D.....	2.53	Collins, J. Franklin.....	314.19
Leese, M. A.....	3.49	Graves, Arthur H.....	383.33
Leitz, Ernest.....	7.50	Hartley, Carl P.....	431.68
Lenz & Lossau.....	1.00	Hedgecock, Geo. W.....	722.38
Luthin, R. H.....	16.66	Humphrey, C. J.....	738.20
Mackall Bros.....	9.93	Meinecke, E. P.....	22.65
Mallinckrodt & Chemical Works.....	5.55	Metcalf, Haven.....	420.17
Pullman, E. J.....	4.00	Spaulding, Perley.....	722.43
		Tiller, Ruby J.....	60.00
		Total.....	3,815.03

Total amount of appropriation.....\$16,540.00

Total expenditures under above groups.....16,140.15

Unexpended balance on Aug. 31, 1910.....399.85

Outstanding liabilities (estimated).....237.60

Balance to be turned back in Treasury (estimated).....162.25

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton and truck diseases), \$13,060."

## LUMP-SUM SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Orton, W. A.....	Pathologist, at \$2,250, and pathologist in charge of investigations of truck crop diseases, and sugar plants, at \$2,250.	\$1,687.50	\$773.25
Harter, L. L.....	Assistant, at \$1,400 and \$1,500.....	1,437.49	486.95
Gilbert, W. W.....	Assistant, at \$1,380.....	1,380.00	619.69
Field, Ethel C.....	Assistant, at \$1,200.....	936.67	50.00
Orcutt, Alfred S.....	Scientific assistant, at \$720.....	210.00	132.30
Ames, Adeline.....	Aid, at \$1,200.....	366.67	
Scott, Laura E.....	Clerk, at \$900.....	225.00	
Callahan, Thos. F.....	Skilled laborer, at \$840.....	210.00	
Total.....		6,453.33	
<i>Out of Washington.</i>			
Orton, Clayton R.....	Special agent, at \$60 per month.....	240.00	
Stuart, William.....	Collaborator, at \$5 per month.....	10.00	795.02
Barre, Henry W.....	Collaborator, at \$1 per month.....	12.00	
Beattie, R. Kent.....	do.....	12.00	
Bessey, E. A.....	do.....	9.00	60.50
Bolley, Henry L.....	do.....	12.00	
Brooks, Charles.....	do.....	12.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton and truck diseases), \$13,060"—Con.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cook, Melville T.	Collaborator, at \$1 per month	\$12.00	
Edgerton, Claude W.	do.	12.00	
Fulton, Harry R.	do.	12.00	
Hewitt, J. Lee	do.	2.00	
Hibbard, Rufus P., Jr.	do.	11.00	
Jackson, H. S.	do.	7.00	
Jones, Lewis R.	do.	12.00	
Kern, Frank D.	do.	12.00	
Lawrence, William H.	do.	12.00	
Morse, W. J.	do.	3.00	\$120.55
Norton, John B. S.	do.	12.00	
Pammel, Louis H.	do.	12.00	
Pond, Raymond H.	do.	5.00	
Reed, Howard S.	do.	12.00	
Selby, A. D.	do.	12.00	41.75
Sheldon, John L.	do.	12.00	
Stevens, Frank L.	do.	12.00	
Stone, George E.	do.	12.00	
Whetzel, Herbert H.	do.	12.00	
Wilcox, E. Mead.	do.	12.00	
Orcutt, A. S.	Laborer, at \$40 per month, and scientific assistant, at \$720.	71.33	
Dodge, Hiram A.	Unskilled laborer, at \$50 per month.	300.00	
Total.		886.33	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$11.55	Keeney & Son, N. B.	\$1.60
Ballantyne, R. Carter	9.78	Lambie Co., Jas. B. (Inc.)	1.10
Contingent expenses, Department of Agriculture	59.82	Lum, John C.	3.00
Sieber & Trussell Manufacturing Co.	.58	Murphy Co., E. J. (Inc.)	5.50
Stott Co., Chas. G.	.25	Pool, Joe F.	45.00
United States Envelope Co.	17.55	Register, J. R.	60.73
Total.	99.53	Royster Guano Co., F. S.	143.39
<i>Miscellaneous supplies, etc.</i>		Rudolph & West Co.	.38
American Can Co.	3.35	Stokes, Walter P.	1.00
Ames, Adeline	10.50	Thornburn & Co., J. M.	3.30
Barber & Ross	42.00	Todd Implement Co. (Inc.)	20.60
Becker's Leather Goods Co.	13.75	Topham, Jas. S.	1.25
Bolgiano & Co., F. W.	2.00	Willet Seed Co., N. L.	2.00
Bringham, E. S.	451.18	Woodward & Lothrop	6.00
Bryant, F. M.	39.87	Total.	2,015.18
Contingent expenses, Department of Agriculture	45.09	<i>Furniture.</i>	
Dennison Manufacturing Co.	6.70	Library Bureau	1.15
Duke, W. H.	75.65	Lincoln, Fred S.	50.60
Espey, John B.	1.20	Total.	51.75
Ferry & Co., D. M.	1.13	<i>Freight.</i>	
Gatchell & Manning	12.00	Knox Express Co., Geo. W.	1.50
Gilmore, M. J.	9.00	Southern Railway Co.	2.26
Grain Dealers Co.	1.50	Washington-Southern Railway Co.	1.06
Hazeltine & Perkins Drug Co.	11.81	Total.	4.82
Henderson & Co.	1.00		
Hopson & Co., W. C.	15.00		
Johnson, Joe M.	975.00		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton and truck diseases), \$13,060"—Con.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Adams Express Co.....	\$13.54	Pullman, E. J.....	\$8.65
United States Express Co.....	3.15	Spencer Lens Co.....	2.50
Total.....	16.69	Thomas, Arthur H.....	38.14
<i>Telegraph.</i>		Whitall, Tatum Co.....	17.13
Postal Telegraph & Cable Co.....	.63	Total.....	268.35
Western Union Telegraph Co.....	6.18	<i>Travel and station and field expenses.</i>	
Total.....	6.81	Bessey, Ernst. A.....	60.50
<i>Apparatus, instruments, and laboratory material.</i>		Field, Ethel C.....	50.00
Bausch & Lomb Optical Co.....	4.20	Gilbert, W. W.....	619.69
Eastman Kodak Co.....	51.40	Harter, L. L.....	486.95
Friez, Julien P.....	4.60	Miles, Geo. F.....	151.80
Leese, M. A.....	6.85	Oreutt, Alfred S.....	123.30
Leitz, Ernest.....	117.80	Orton, W. A.....	748.75
Lenz & Lossau.....	12.00	Shear, W. V.....	10.42
Mackall Bros.....	5.08	Stuart, Wm.....	637.84
		Thompson, H. C.....	41.50
		Total.....	2,930.75

Total amount of appropriation..... \$13,060.00  
 Total expenditures under above groups..... 12,733.54

Unexpended balance on Aug. 31, 1910..... 326.46  
 Outstanding liabilities (estimated)..... 264.50  
 Balance to be turned back in Treasury (estimated)..... 61.96

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910" (crop physiology), \$26,025. (Original subappropriation of \$27,290 decreased by transfer of \$1,265 to pomological investigations.)*

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Swingle, Walter T.....	Physiologist, at \$3,000.....	\$1,000.00	
Brand, Charles J.....	Physiologist, at \$2,000.....	2,000.00	\$335.03
Flanery, W. L.....	Assistant, at \$1,000.....	416.66	227.75
Keese, S. L.....	Assistant, at \$1,000 and \$1,140.....	1,064.17	
Savage, Edward M.....	Assistant, at \$900.....	900.00	307.93
Downes, M. A.....	Assistant in dry-land agriculture, at \$960.....	480.00	
Lewis, George F.....	Gardener, at \$720.....	540.00	
Rowen, James D., jr.....	Gardener, at \$60 per month.....	150.00	
Yonce, Wm. B.....	Greenhouse assistant, at \$25 per month.....	225.00	
Curtis, John J.....	Clerk, at \$1,000.....	738.89	
Henault, Thomas R.....	do.....	833.34	
Philpitt, Edward.....	Carpenter, at \$3.50 per diem.....	91.00	
Thompson, Harry.....	Laborer, at \$720.....	420.00	
Dameron, A. F.....	Laborer, at \$50 per month.....	600.00	
Total.....		9,459.06	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (crop physiology), \$26,025, etc."—Con.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Swingle, Walter T. ....	Physiologist in charge crop physiology, at \$3,000.	\$2,000.00	
Mason, Silas C. ....	Arboriculturist, at \$2,250.	1,330.00	\$1,249.26
Rixford, G. P. ....	Expert, at \$5 per diem.	840.00	251.36
Flanery, W. L. ....	Assistant, at \$1,000 and \$1,200.	175.01	
Drummond, Bruce. ....	Assistant, at \$900.	900.00	176.91
Hudson, Estmor W. ....	do.	750.00	447.57
Savage, Frank W. ....	Special agent, at \$4 per diem.	128.00	
Bunting, J. D. ....	Special agent, at \$720.	378.00	50.35
Clark, Chas. H. ....	do.	180.00	
Lundsted, Andrew L. ....	do.	512.00	
Bartholomew, Lee M. ....	Special agent, at \$600.	150.00	
Stumph, August. ....	Special agent, at \$60 per month.	150.00	
Ramsey, F. M. ....	Collaborator, at \$12.	12.00	
Webber, H. J. ....	Collaborator, at \$1 per month.	12.00	
Total. ....		7,517.01	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Writing Paper Co. ....	\$9.03	Collins, Hauser & Co. ....	\$6.50
Andrews Paper Co. ....	63.07	Contingent expenses, Department of Agriculture. ....	257.90
Ballantyne, R. Carter. ....	59.91	Datin, A. ....	2.65
Contingent expenses, Department of Agriculture. ....	129.53	Dawson's Book Shop. ....	7.50
District of Columbia Paper Manufacturing Co. ....	16.08	Dayton Fruit Tree Label Co. ....	2.60
Lamb & Tilden. ....	.93	Dennison Manufacturing Co. ....	15.80
Library Bureau. ....	4.25	Donnelley, W. J. ....	29.00
Lincoln, Fred S. ....	14.00	Dulin & Martin Co. ....	1.25
Morrison Paper Co., E. ....	23.41	Du Perow, M. ....	16.00
Neidich Process Co. ....	5.00	Eberhart, Fred H. ....	18.25
Pen-Carbon Manifold Co. ....	7.50	Bolgiano & Co., F. W. ....	2.75
Remington Typewriter Co. ....	.60	Edwards, W. R. ....	4.00
Stockett-Fiske Co. ....	7.60	Espey, John B. ....	15.95
Stott & Co., Chas. G. ....	1.00	Estler & Son, T. W. ....	1.15
United States Envelope Co. ....	138.19	Flanery, M. E. ....	47.25
Yawman & Erbe Manufacturing Co. ....	88.50	Franklin Co. ....	20.54
Zichtl & Co., A. ....	.60	Gard, H. E. ....	9.00
Total. ....	569.20	Gardeners' Chronicle (Ltd.) ....	3.28
<i>Miscellaneous supplies, etc.</i>		Germain Seed & Plant Co. ....	40.75
Adams, Hamilton. ....	.50	Glen St. Mary Nurseries Co. ....	232.10
Alberene Stone Co. ....	58.00	Golding, W. T. ....	15.45
American Can Co. ....	10.50	Granger & Co., J. ....	8.50
Barber & Ross. ....	11.85	Gude Bros. Co. ....	.75
Bartholmew, E. ....	100.00	Guy, Curran & Co. ....	.75
Bates Numbering Machine Co. ....	12.00	Harris & Shafer Co. ....	8.83
Baumgarten Co., Herman. ....	2.90	Hazleton, E. P. ....	34.70
Beavers, John M. ....	1.20	Henderson & Co., Peter. ....	2.20
Bernstein Manufacturing Co. ....	32.50	Hinojosa, C. V. ....	4.00
Betz & Son, Ernest. ....	4.50	Holm, Theo. ....	227.65
Blackburn, George. ....	29.50	Holmes Co. ....	27.50
Blackman, E. V. ....	93.64	Howe Bros. ....	6.95
Boswell, S. R. ....	3.25	Howenstein, C. M. ....	54.00
Brill, E. J. ....	10.27	Hume, H. Harold. ....	2.50
Bushnell Co., Alvah. ....	8.70	Japanese & Chinese Publishing Co. ....	4.00
Capital Traction Co. ....	20.00	Joyce Engraving Co., Maurice. ....	21.00
Carl, Frederick. ....	8.50	Junk, W. ....	8.78
Catlin Co., Elmer H. ....	2.00	Kann Sons & Co., S. ....	3.02
Chastain, J. H. ....	1.75	King, W. L. ....	15.00
Clarke Co., R. P. ....	12.75	Lake, D. S. ....	6.55
		Lambie Co. (Inc.), Jas. B. ....	.50
		Lansburgh & Bro. ....	.25
		Lewis, M. ....	7.15
		Lowdermilk & Co., W. H. ....	117.45

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (crop physiology), \$26,025, etc."—Con.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
McDonnell & Co., A. A.	\$6.80	Adams Express Co.	\$68.51
Maher & Grosh Cutlery Co.	3.75	United States Express Co.	5.67
Mann & Co., P.	12.75	Total	74.18
Marquis & Co., A. N.	3.50	<i>Telegraph.</i>	
May, L.	17.34	Postal Telegraph-Cable Co.	2.82
Miami Grocery Co.	93.75	Western Union Telegraph Co.	53.65
Minnix Co., N. M. (Inc.)	14.30	Total	56.47
Monarch Typewriter Co.	1.20	<i>Telephone.</i>	
Moore Company	2.00	Chesapeake & Potomac Telephone Co.	6.45
Morsell's Hardware Store	16.63	<i>Rent.</i>	
Muth & Co., Geo. F.	10.18	May, L.	52.00
National Tent & Awning Co.	8.50	<i>Gas and electricity.</i>	
O'Donnell, Jas.	.50	Potomac Electric Power Co.	37.30
Petersen, Carl	3.00	<i>Apparatus, instruments, and laboratory materials.</i>	
Postmaster	6.00	Armour Fertilizer Works	17.50
Randall, W. H.	35.00	Bausch & Lomb Optical Co.	60.40
Remington Typewriter	13.35	Claffin Optical Co. (Inc.)	2.50
Richter, August C.	1.00	Columbia Photo Supply Co.	15.13
Rixford, G. P.	7.00	Eastman Kodak Co.	12.60
Rudolph & West Co.	13.00	Flemer, Lewis	5.25
Saunders, Wm. E. G.	50.00	Franklin & Co.	4.21
Savage, Frank W.	40.00	Frese Optical Co., Adolph	54.00
Schenkel, Albert	12.50	Henderson & Co., Peter	1.50
Scherer Co., John C., Jr.	565.00	Iszard-Warren Co. (Inc.)	.96
Schiller, Daniel	9.00	Leese, M. A.	333.94
Semple, J. A.	10.00	Lenz & Lossan	1.95
Smith-Premier Typewriter Co.	80.00	Mackall Bros.	.92
Soar Bros.	10.00	Pierce & Co., C. C.	21.61
Southern Pacific Co.	1.00	Pullman, E. J.	3.50
Southern Printers Supply Co.	12.80	Roach & Barnes Co.	5.50
Thompson & Norris Co.	28.75	Spencer Lens Co.	9.89
Underwood Typewriter Co.	272.00	Whitall, Tatum Co.	6.00
Vilmorin-Andrieux & Co.	5.99	Total	557.36
Walford, D. N.	3.15	<i>Travel and station and field expenses.</i>	
Washington Florists Co.	10.00	Brand, Charles J.	411.28
Washington News Co.	1.50	Bunting, J. D.	50.35
Weigel, Oswald	21.66	Downes, M. A.	10.40
Welch, Mrs. F.	44.00	Drummond, Bruce	164.91
Welsbach Co.	3.00	Flanery, Wm. L.	198.55
Woodward & Lothrop	.50	Hudson, E. W.	352.76
Wrang, George	153.57	Mason, S. C.	1,249.26
Total	3,339.58	Rixford, G. P.	251.36
<i>Furniture.</i>		Savage, Edward M.	193.18
Brown, J.	46.10	Total	2,882.05
Gimbel, Ellis A.	5.22	<i>Total amount of appropriation</i>	
Gregory & Dupue Co.	56.20	<i>Total expenditures under above groups</i>	
Library Bureau	62.50	<i>Unexpended balance on Aug. 31, 1910</i>	
Lincoln, Fred S.	6.50	<i>Outstanding liabilities (estimated)</i>	
Moses & Sons, W. B.	72.65	<i>Balance to be turned back in Treasury (estimated)</i>	
Yawman & Erbe Manufacturing Co.	325.30		
Total	574.47		
<i>Freight.</i>			
Blackburn, George	5.00		
Knox Express Co., Geo. W.	.50		
Southern Pacific Co.	18.70		
Total	24.20		

Total amount of appropriation	\$26,025.00
Total expenditures under above groups	25,149.33
Unexpended balance on Aug. 31, 1910	875.67
Outstanding liabilities (estimated)	837.39
Balance to be turned back in Treasury (estimated)	38.28



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (bacteriology and nutrition), \$25,070."

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Kellerman, K. F.	Physiologist, at \$2,250	\$2,250.00	\$195.85
Garner, W. W.	Physiologist, at \$1,800	1,800.00	264.21
Alsberg, Carl L.	Chemical biologist, at \$2,250	187.50	74.48
Bartlett, Harley H.	Chemical biologist, at \$1,080	111.00	24.35
Stephens, David E.	Executive assistant, at \$1,800	300.00	4.10
Robinson, T. R.	Assistant, at \$1,600	1,600.00	104.79
McBeth, Ira G.	Assistant, at \$1,400	291.66	85.90
Allen, Edward R.	Assistant, at \$1,200 and scientific assistant, at \$1,380	1,282.50	189.00
Fawcett, Edna H.	Assistant, at \$1,200	1,200.00	
Giampietro, A. W.	do	1,060.00	
Wright, R. Claude	do	1,200.00	151.33
Goll, F. L.	Aid, at \$1,380	1,380.00	12.25
Fowbert, Charles L.	Aid, at \$1,000	988.88	
Leonard, Lewis T.	do	1,000.00	
Fitzgerald, Thomas A.	Laborer, at \$720	720.00	
Swann, Sidney	Laborer, at \$55 per month	55.00	
Jones, John W.	Laborer, at \$50 per month	600.00	
Total		16,026.54	
<i>Out of Washington.</i>			
Lunn, William M.	Expert, at \$1,400 and agent, at \$1,400	435.56	288.75
Dochnowski, A.	Collaborator, at \$25 per month	212.50	
Whittaker, Harold A.	Collaborator, at \$1 per month	10.00	
Total		658.06	

## EXPENDITURES OTHER THAN FOR SALARIES.

Names.	Amount.	Names.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ballantyne, R. Carter	\$8.43	Dulin & Martin (Inc.)	\$0.70
Contingent expenses, Department of Agriculture	43.89	Du Perow, M.	15.60
Lamb & Tilden	4.62	Eberbach & Son Co.	10.00
Schmidt, Fred A.	10.14	Edmonston, Chas. R.	24.00
Siebert, John F.	2.40	Espey, John B.	48.05
Union Envelope Co.	2.22	Estler & Son, T. W.	13.47
Valley Paper Co.	30.80	Gair Co., Robt.	30.35
Total	102.50	Galt & Co., Wm. M.	5.27
<i>Miscellaneous supplies, etc.</i>		Garner, Isabelle	.50
Barber & Ross	12.43	Gichner, Ernest	78.00
Bauer & Black	.21	Hartig, Louis	.80
Bedell Manufacturing Co.	1.52	Krayer, Peter J.	9.00
Bemis, J. S.	4.00	Lambie Co., Jas. B. (Inc.)	1.05
Beseler Co., Chas.	30.87	Lansburgh & Bro.	4.50
Betz, Ernest	27.75	Lindsay Rubber Manufacturing Co., M.	10.50
Betz Co., Frank S.	2.50	Monroe Refrigerating Co.	92.00
Bolgiano & Co., F. W.	7.80	Moore Push-Pin Co.	4.32
Carborundum Co.	1.55	Mott Iron Works, J. L.	11.25
Carl, Frederick	15.00	Mount Pleasant Fertilizer Co. (Inc.)	2.25
Clarke Co., R. P.	2.63	Mulford Co., H. K.	.90
Coe-Mortimer Co.	7.00	Murphy Co., E. J. (Inc.)	4.00
Columbia Smelting & Refining Co.	.34	Muth & Co., Geo. F.	.97
Contingent expenses, Department of Agriculture	229.03	National Electrical Supply Co.	9.78
Corning, John H.	2.25	New England Box Co.	47.42
Cornwell & Son, G. G.	3.10	Olds & Whipple	24.40
Crandall Packing Co.	1.85	Robbins & Myers Co.	90.40
		Rogers, E. M.	46.70
		Rudolph & West Co.	5.14
		Schmid, Edw. S.	2.00
		Sears, Roebuck & Co.	5.43
		Sloane, W. & J. (Inc.)	68.75



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (crop acclimatization), \$17,990."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cook, O. F.	Bionomist, at \$2,750	\$2,750.00	\$926.11
Collins, G. N.	Assistant, at \$2,000	2,000.00	75.27
Lewton, Frederick L.	do.	1,666.66	962.68
Meade, Rowland M.	Assistant, at \$900	\$25.00	719.80
Pittier, H.	Agent, at \$2,250	2,250.00	
McLachlan, Argyle.	Agent, at \$150 per month	900.00	895.85
Total.		10,391.66	
<i>Out of Washington.</i>			
Kempton, James.	Special agent, at \$60 per month	180.00	249.55

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Columbia Ribbon & Carbon Manufacturing Co.	\$1.63	Gimbel, Ellis A.	\$34.60
Contingent expenses, Department of Agriculture	129.64	Lansburgh Furniture & Carpet Co.	5.61
Schmidt, Fred A.	3.00	Stowers Furniture Co., G. A.	34.00
Union Envelope Co.	1.20	Woodruff Manufacturing Co.	63.00
Total.	135.47	Yawman & Erbe Manufacturing Co.	163.00
<i>Miscellaneous supplies, etc.</i>		Total.	300.21
Allen, Clarence N.	11.25	<i>Freight.</i>	
Ball & Socket Manufacturing Co.	5.00	Knox Express Co., Geo. W.	.25
Bartholomew, Elam	130.00	<i>Express.</i>	
Bedell Manufacturing Co.	.71	Adams Express Co.	11.65
Bolgiano & Co., F. W.	1.20	U. S. Express Co.	4.66
Brewer, N. Howard	1.80	Total.	16.31
Campbell, John	50.00	<i>Telegraph.</i>	
Clarke Co., R. P.	14.96	Postal Telegraph-Cable Co.	.46
Contingent expenses, Department of Agriculture	57.38	Western Union Telegraph Co.	16.79
Copeland Co., M. G.	.27	Total.	17.25
Edmonston, Chas. R.	1.75	<i>Telephone.</i>	
Ferry & Co., D. M.	.72	Chesapeake & Potomac Telephone Co.	.30
Frale, John W.	1.50	<i>Rent.</i>	
Fuller, Arthur H.	28.10	McCan, J. F.	216.00
Funk Bros. Seed Co.	7.50	<i>Apparatus, instruments, and laboratory material.</i>	
Germain Seed Co.	.25	Bausch & Lomb Optical Co.	2.25
Hammond Typewriter Co.	.15	Eastman Kodak Co.	73.04
Jackson, Jos.	30.00	Folmer & Schwing Div. E. K. Co.	23.50
Key, Norman, jr.	10.00	Gilman, Z. D.	5.35
Killian Co., Geo. P.	32.50	Leese, M. A.	5.20
Locke, Otto.	16.00	Pullman, E. J.	10.90
Muncaster, L. M.	1.00	Sheetz, Silas W.	1.00
Murphy Co., E. J. (Inc.)	.14	Total.	121.24
Muth & Co., Geo. F.	.97		
Scherer Co., John C., jr.	452.00		
Seamark, Harry F.	2.50		
Spalding & Bros., A. G.	4.00		
Val Verde Irrigation Co.	36.00		
Wheelchel, J. M.	2.00		
Woodward & Lothrop	3.00		
Woolf & Co., C. M.	2.65		
Total.	904.80		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General Expenses, Bureau of Plant Industry, 1910 (crop acclimatization), \$17,990"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Collins, G. N.....	\$75.27	Meade, Rowland M.....	\$640.70
Cook, O. F.....	614.21	Meloy, Guy S.....	1.35
Ewing, E. C.....	305.88	Rose, L. B.....	305.90
Kinsler, J. H.....	1,511.10	Total.....	5,146.96
Lewton, F. L.....	796.70		
McLachlan, Argyle.....	895.85		
Total amount of appropriation.....			\$17,990.00
Total expenditures under above groups.....			17,430.45
Unexpended balance on Aug. 31, 1910.....			559.55
Outstanding liabilities (estimated).....			113.07
Balance to be turned back in Treasury (estimated).....			446.48

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation, "General expenses, Bureau of Plant Industry, 1910 (drug and other plants), \$44,820." (Original subappropriation of \$43,420 increased by transfer of \$1,400 from cotton breeding.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
True, R. H.....	Physiologist, at \$2,750.....	\$2,750.00	\$247.80
Marsh, C. Dwight.....	Physiologist, at \$2,000.....	2,000.00	718.56
Clawson, Arthur B.....	Physiologist, at \$1,200.....	1,200.00	114.25
Stockberger, W. W.....	Pharmacognost, at \$1,980, and physiologist, at \$1,980.....	1,980.00	155.11
Alsberg, Carl L.....	Biologist, at \$2,250.....	2,062.50	
Black, Otis F.....	Biologist, at \$1,500.....	1,500.00	
Bartlett, Harley H.....	Biologist, at \$1,080.....	825.00	
Hasselbring, Heinrich.....	Expert, at \$2,000.....	2,000.00	
Wheeler, C. F.....	do.....	500.00	
Bunzel, Herbert H.....	Expert, at \$1,500.....	416.67	
Rabak, Frank.....	Expert, at \$1,400, and biologist, at \$1,500.....	1,553.33	310.75
Thompson, James.....	Expert, at \$1,020.....	552.50	366.67
Sievers, A. F.....	Expert, at \$900, and biologist, at \$1,200.....	1,187.50	499.12
Henkel, Alice.....	Assistant, at \$1,800.....	1,800.00	
Tidestrom, Ivar.....	Assistant, at \$1,700.....	1,700.00	604.70
Klugh, C. F.....	Assistant, at \$1,200 and \$1,380.....	1,282.50	162.60
Marsh, Hadleigh.....	Laboratory assistant, at \$750.....	520.00	175.55
Alleger, Walter J.....	Laboratory aid.....	100.00	
Lower, Irvin B.....	Student assistant, at \$25 per month.....	39.17	
Kerr, James K., sr.....	Gardener, at \$1,100.....	183.34	
Fox, Levantia E.....	Clerk, at \$600.....	100.00	
Skippon, C. D.....	do.....	100.00	
Weir, Raymond J.....	do.....	78.33	
Philpitt, Edward.....	Carpenter, at \$3.50 per diem.....	269.50	
Phillips, Ira G.....	Skilled laborer, at \$480.....	133.33	
Johnson, Maria.....	Laborer, at \$480.....	480.00	
Collins, M.....	Laborer, at \$1.50 per diem, and \$45 per month.....	523.50	
Countee, T. L.....	Laborer, at \$1.50 per diem.....	19.50	
Milstead, Joseph I.....	Unskilled laborer, at \$60 per month.....	240.00	7.25
Total.....		26,096.67	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (drug and other plants), \$44,820, etc."—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Thompson, James	Expert, at \$1,020.	\$467.50	
Hood, S. C.	Scientific assistant, at \$1,200.	1,200.00	\$289.48
Mitchell, Geo. F.	Scientific assistant, at \$1,200 and \$1,380.	1,282.50	177.94
Young, Thos. B.	do.	1,282.50	345.31
Nelson, N. L. T.	Special agent, at \$50 per month.	100.00	122.40
Russell, G. Archie.	Special agent, at \$45 per month.	540.00	
Marsh, Hadleigh.	Laboratory assistant, at \$780.	260.00	
Gadsden, Elise H.	Collaborator, at \$25 per month.	300.00	
Kremers, Edward.	Collaborator, at \$1 per month.	12.00	
Pershing, Harry.	Unclassified laborer, at \$60 per month.	34.00	
Henning, Albert G.	Unskilled laborer, at \$40 per month.	480.00	
Total.		5,958.50	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Atlas School Supply Co.	\$5.46	General Electric Co.	\$22.86
Ballantyne, R. Carter.	8.36	Gray, T. W.	20.00
Baumgarten & Sons, J.	2.00	Gunnison Hardware Co.	6.20
Contingent expenses, Department of Agriculture.	65.70	Hepburn, R. S.	342.20
Library Bureau.	29.20	Heurich Brewing Co., Chr.	69.25
Lincoln, Fred S.	10.40	Hubbard Co., S. B.	7.80
Rockwell-Barnes Co.	4.44	Improved Mailing Case Co.	6.00
Stott & Co., Chas G.	11.76	Ing & Allen Co.	12.95
Total.	137.32	Jones, H. Clay.	35.00
<i>Miscellaneous, supplies, etc.</i>		Katzenstein & Co., Otto.	65.90
Allison, Mary	125.00	Lambie Co., Jas. B. (Inc.).	7.28
Arlington Bottling Co.	6.00	Lansburgh & Bro.	8.43
Baltimore Pearl Hominy Co.	3.75	Laplant, D. L.	8.24
Barber & Ross.	5.65	Linville, Elzie.	8.00
Beall, Wm. T.	38.50	Los Angeles Wine Co.	25.20
Best, Thomas W.	16.00	Lunn, J. Edward.	144.00
Betz Co., Frank S.	13.60	Marshall, J. G.	65.00
Bond Co., E. W.	9.34	Marshall, J. S.	157.26
Bond and Bowes Co.	10.50	Mattingley, J. D.	22.03
Boyd & Co., F. O.	22.61	May Hardware Co., F. P.	.85
Brooks Tent & Awning Co.	10.11	Midland Publishing Co.	5.00
California Nursery Co.	11.00	Miller & Graham.	23.39
Church, W. A. H.	21.84	Monarch Typewriter Co.	82.00
Clarke Co., R. P.	1.90	Montgomery-Ward & Co.	13.25
Clay, Robinson & Co.	129.84	Moore, Gail H.	25.00
Colorado Tent & Awning Co.	60.98	Murphy Co., E. J. (Inc.).	6.00
Contingent expenses, Department of Agriculture.	534.29	Muth & Co., Geo. F.	17.92
Cottingham, E.	187.50	Naffz, Otto.	20.15
Daniels & Fisher Stores Co.	7.65	Pershing, Harry.	50.00
Davis-Bridham Drug Co.	15.34	Pioneer Seed Co.	5.00
Downey, Annie M.	65.00	Pressler, Kasper.	16.00
Drew Co., H. & W. B.	11.63	Pressler, Philip.	23.50
Eccles, T. E.	9.00	Randolph Paper Box Co.	107.13
Edmonston, Chas. R.	4.80	Reilly, Hugh.	2.70
Emerson, R. L. C.	23.80	Remington Typewriter Co.	82.00
Endner Lumber Co.	9.30	Riley, John F.	180.19
Exotic Nurseries.	12.00	Robbins & Myers Co.	45.20
Frankie Carriage Works, C. D.	10.00	Rocky Mountain Fuel Co.	17.75
Gallagher & Bro., W. T.	16.80	Rocky Mountain Stores Co.	70.35
Galt & Co., W. M.	4.74	Rudolph & West Co.	1.03
		Schloer, Frank H.	10.00
		Schmid, Edw. S.	31.85
		Schnitz, Nicholas.	3.00
		Seamark, Harry F.	3.75
		Smith, Thos. W.	30.08

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (drug and other plants), \$44,820"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Gas and electricity.</i>	
Smith Premier Typewriter Co. ....	\$9.80	Washington, Alexandria & Mount Vernon R. R. Co. ....	\$25.20
Snodgrass, Perry L. ....	88.39	<i>Apparatus, instruments, and laboratory materials.</i>	
Standard Engineering Co. ....	140.00	Bausch & Lomb Optical Co. ....	349.60
Swingle, D. B. ....	6.75	Boomer & Boschert Press Co. ....	1.40
Thorburn & Co., J. M. ....	9.65	Boyd & Co., F. O. ....	23.12
Topham, James S. ....	1.00	Croselimire & Acker Co. ....	8.00
Typewriter & Office Supply Co. ....	.50	Davis-Bridgman Drug Co. ....	17.00
Unruh, Wm. B. ....	5.00	Denver Fire Clay Co. ....	11.81
Vilmorin-Andrieux & Co. ....	.36	Denver Photo Materials Co. ....	34.43
Walford, D. N. ....	1.40	Eastman Kodak Co. ....	41.69
Washington Rubber Co. ....	3.75	Eccles, T. E. ....	15.47
Washington Wood Working Co. ....	40.00	Eimer & Amend. ....	186.14
Watts, W. C. ....	20.33	Emerson, R. L. ....	7.30
Williams Manufacturing Co. ....	49.40	Fisher Drug Co., C. W. ....	14.88
Wilson Café. ....	1.00	Flemer, Lewis. ....	39.35
Wilson Saddlery Co., J. H. ....	50.98	Friez, Julien P. ....	29.30
Wiseman, O. E. ....	25.00	Fritzsche Bros. ....	16.85
Woodward & Lothrop. ....	13.15	Gilman, Z. D. ....	29.73
Total. ....	3,790.32	Greiner Co., Emil. ....	121.81
<i>Furniture.</i>		International Instrument Co. ....	4.30
Derby Desk Co. ....	79.00	Kny-Scherer Co. ....	248.45
Gimbel, Ellis A. ....	8.16	Leeds & Northrup Co. ....	4.00
Lansburgh Furniture & Carpet Co., J. ....	13.58	Leese, M. A. ....	.60
Library Bureau. ....	22.90	Lockwood Dental Co., W. A. ....	20.00
Lincoln, Fred S. ....	230.84	Mackall Bros. ....	82.86
Lundstrom Manufacturing Co., C. J. ....	13.75	Mallinchrort Chemical Works. ....	5.38
Moses & Sons, W. B. ....	38.27	Merck & Co. ....	15.34
Scherer & Co., John C., jr. ....	110.00	Muth Bros. & Co. ....	5.60
Woodruff Manufacturing Co. ....	245.70	Parke, Davis & Co. ....	28.50
Yawman & Erbe Manufacturing Co. ....	94.25	Queen & Co. (Inc.) ....	14.40
Total. ....	856.45	Sharp & Dohme. ....	38.00
<i>Fuel.</i>		Sheetz, W. Silas. ....	42.10
Allegheny Co. ....	40.00	Shoemaker & Busch. ....	11.02
<i>Freight.</i>		Spencer Lens Co. ....	20.21
Baltimore & Ohio R. R. ....	2.57	Thomas Co., A. H. ....	58.53
Florida East Coast Ry. Co. ....	1.36	Whitall, Tatum Co. ....	4.14
Knox Express Co., Geo. W. ....	3.04	Wilson-Mauleen Co. ....	12.60
Pennsylvania Ry. Co. ....	5.10	Total. ....	1,563.91
Southern Pacific Co. ....	.57	<i>Travel and station and field expenses.</i>	
Southern Ry. Co. ....	.75	Alsberg, Carl L. ....	74.48
Total. ....	13.39	Bartlett, H. H. ....	24.35
<i>Express.</i>		Clawson, Arthur B. ....	114.25
Adams Express Co. ....	125.97	Hood, Saml. C. ....	289.48
U. S. Express Co. ....	20.00	Klugh, Geo. F. ....	162.60
Total. ....	145.97	Marsh, C. Dwight. ....	718.56
<i>Telegraph.</i>		Marsh, Hadleigh. ....	175.55
Postal Telegraph-Cable Co. ....	1.28	Mitchell, Geo. F. ....	177.94
Western Union Telegraph Co. ....	21.42	Nelson, N. L. T. ....	122.40
Total. ....	22.70	Rabak, Frank. ....	310.75
<i>Telephone.</i>		Sieves, A. F. ....	499.12
Chesapeake & Potomac Telephone Co. ....	6.70	Stockberger, W. W. ....	155.11
		Thompson, James. ....	366.67
		Tidestrom, Ivar. ....	586.40
		True, R. H. ....	247.80
		Young, T. B. ....	345.31
		Total. ....	4,370.77

Total amount of appropriation. .... \$44,820.00  
 Total expenditures under above groups. .... 43,027.90

Unexpended balance on Aug. 31, 1910. .... 1,792.10  
 Outstanding liabilities (estimated). .... 849.03

Balance to be turned back in Treasury (estimated). .... 943.07



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (crop technology), \$13,030."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cobb, N. A.	Technologist, at \$3,000.	\$125.00	\$164.35
Dewey, Lyster H.	Botanist, at \$2,500.	2,500.00	557.36
Chambers, W. E.	Expert, at \$2,400.	1,500.00	
Greene, Edward L.	Expert, at \$1,200.	150.00	
Goodloe, Marie.	Aid, at \$720.	720.00	
Schmitt, Hugo R.	Laboratory aid, at \$600.	375.00	
Barghausen, John F.	Mechanician, at \$1,100.	733.34	5.70
Gage, Charles E.	Clerk, stenographer, and typewriter, at \$1,200.	750.00	
Staves, Marion C.	Clerk, at \$720.	178.00	
Duvall, Carroll F.	Messenger boy, at \$360.	300.00	
Thornton, Daisy.	Laborer, at \$480.	80.00	
Total.		7,411.34	
<i>Out of Washington.</i>			
Mayland, Edwin.	Special agent, at \$4 per diem.	84.00	84.69
Crandall, Leroy V.	Special agent, at \$100 per month.	56.66	47.36
Total.		140.66	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$2.40	Galliker & Bro., W. T.	\$3.00
Ballantyne, R. Carter.	2.93	Gay, David S.	27.50
Clarke Co., R. P.	5.25	General Electric Co.	86.45
Contingent expenses, Department of Agriculture	142.39	Godell-Pratt Co.	6.66
Lamb & Tilden	2.25	Hale Publishing Co.	1.00
Lincoln, Fred S.	.30	Hammar Bros. White Lead Co.	.74
Schmidt, Fred A.	6.70	Hartig, Louis	12.14
Stockett-Fiske Co.	21.00	Hiser, Daniel	56.00
Total.	183.22	Jorss, A. F.	18.33
<i>Miscellaneous supplies, etc.</i>		Lambie Co., Jas. B. (Inc.)	76.10
Alberene Stone Co.	35.50	Lanman Engraving Co.	1.00
Aluminum Co. of America	1.86	Lansburgh & Bro.	3.30
Amenia & Sharon Land Co.	31.00	May Hardware Co., F. P.	7.50
Baer Bros.	1.20	Moore Co.	3.50
Barber & Ross.	27.77	Munson Belting Co., Chas.	3.91
Barker, C. A.	588.00	Murphy Co., E. J. (Inc.)	16.00
Bates Numbering Machine Co.	6.00	Muth & Co., Geo. F.	5.83
Becker & Co., Chas.	.89	National Electrical Supply Co.	20.27
Brown & Sharpe Manufacturing Co.	21.63	Reilly, Hugh	4.04
Burke & James	7.86	Remington Typewriter Co.	80.00
Burroughs Adding Machine Co.	30.00	Rivett Lath Manufacturing Co.	17.75
Churche, W. A. H.	46.29	Roebbling's Sons Co., John A.	165.71
Clarke Co., R. P.	.08	Rosslyn Supply Co.	.60
Columbia Smelting & Refining Co.	.34	Rudolph & West Co.	16.88
Contingent expenses, Department of Agriculture	87.57	Schneider's Sons, C. A.	9.94
Dulin & Martin (Inc.)	5.70	Sherwin, Williams Co.	.90
Dyer, W. H.	1.59	Smith, Thos. W.	7.38
Espey, John B.	55.61	Somerville Co., Thos.	1.20
Evans & Co., C. S.	182.75	Standard Engineering Co.	10.00
Fairbanks Co.	5.99	Styles, M. E.	5.25
Feddon, Jas. F.	2.00	Swift & Co.	3.91
Freeman Electric Co., E. H.	.30	Ulery Co., U. J.	1.02
		Underwood Typewriter Co.	173.20
		United States Frame & Picture Co.	1.80
		Washburn Shops.	13.50
		Washington Rubber Co.	1.98
		Waterbury Brass Co.	8.57

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (crop technology), \$13,030"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Telegraph.</i>	
Wiley & Russell Manufacturing Co. ....	\$13. 28	Postal-Telegraph Cable Co. ....	\$2. 44
Williams & Wells Co. ....	. 57	Western Union Telegraph Co. ....	17. 06
Woodward & Lothrop. ....	5. 50	Total. ....	19. 50
Worthen, G. C. ....	25. 00		
Total. ....	2,057. 14	<i>Telephone.</i>	
<i>Furniture.</i>		Chesapeake & Potomac Telephone Co. ....	6. 50
Derby Desk Co. ....	67. 00	<i>Apparatus, instruments, and laboratory material.</i>	
Lansburgh Furniture & Carpet Co. ....	. 65	Bausch & Lomb Optical Co. ....	91. 44
Lincoln, Fred S. ....	14. 50	Eastman Kodak Co. ....	42. 32
Moses & Sons, W. B. ....	. 35	Eimer & Amend. ....	2. 87
Yawman & Erbe Manufacturing Co. ....	241. 03	Flemer, Lewis. ....	. 90
Total. ....	323. 53	Gilman, Z. D. ....	3. 16
<i>Freight.</i>		Lewis, J. L. ....	. 15
Chesapeake & Ohio Ry. Co. ....	1. 03	Luthin, R. H. ....	2. 30
Knox Express Co., Geo. W. ....	. 75	Mallinckrodt Chemical Works. ....	. 58
Pennsylvania R. R. Co. ....	. 45	Schmidt, Fred A. ....	. 32
Washington-Southern Ry. Co. ....	2. 46	Sheetz, W. Silas. ....	2. 40
Total. ....	4. 69	Total. ....	146. 44
<i>Express.</i>		<i>Travel and station and field expenses.</i>	
Adams Express Co. ....	9. 89	Cobb, N. A. ....	1. 20
United States Express Co. ....	18. 93	Crandall, Leroy V. ....	47. 36
Total. ....	28. 82	Dewey, L. H. ....	557. 36
		Mayland, Edwin. ....	84. 69
		Total. ....	690. 61

Total amount of appropriation. ....	\$13,030. 00
Total expenditures under above groups. ....	11,012. 45
Unexpended balance on Aug. 31, 1910. ....	2,017. 55
Outstanding liabilities (estimated). ....	1,614. 68
Balance to be turned back in Treasury (estimated). ....	402. 87

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton standardization), \$12,250."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Barbot, W. P. ....	Expert, at \$3,000. ....	\$975. 00	\$340. 60
Kause, Robert L. ....	Aid, at \$600. ....	500. 00	
Dawson, Hortense J. ....	Map tracer, at \$600. ....	50. 00	
Jones, M. M., Mrs. ....	Skilled laborer, at \$1.25 per diem. ....	46. 87	
Murphey, Adah A., Mrs. ....	do. ....	31. 25	
Walton, Samuel. ....	Laborer, at \$1.50 per diem. ....	120. 00	
Total. ....		1,723. 12	
<i>Out of Washington.</i>			
Barbot, Wingate P. ....	Expert, at \$3,000. ....	333. 33	
Mazerat, Jules. ....	do. ....	191. 67	122. 50
Bennett, R. L. ....	Expert in cotton marketing, at \$2,280. ....	2,280. 00	381. 74
Earle, D. E. ....	Collaborator, at \$25 per month. ....	25. 00	43. 30
Total. ....		2,830. 00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton standardization), \$12,250"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery</i>		<i>Freight—Continued.</i>	
Andrews Paper Co.	\$2.10	Merchants Transfer & Storage Co.	\$3.50
Contingent expenses, Department of Agriculture	104.74	Southern Ry. Co.	20.99
Morrison Paper Co., E.	16.65	Washington-Southern Ry. Co.	22.80
Pitcher, E. H.	10.05	Total	59.06
Total	133.54	<i>Express.</i>	
<i>Miscellaneous supplies, etc.</i>		Adams Express Co.	63.28
Adams Bagnall Electric Co.	28.80	United States Express Co.	3.32
Barber & Ross	2.20	Total	66.60
Barker, C. A.	24.00	<i>Telegraph.</i>	
Baumgarten Co., Herman	1.75	Postal Telegraph-Cable Co.	2.44
Capitol Paper Box Co.	75.60	Western Union Telegraph Co.	15.35
Clarke Co., R. P.	3.26	Total	17.79
Contingent expenses, Department of Agriculture	246.76	<i>Telephone.</i>	
Copeland Co., M. G.	1.35	Chesapeake & Potomac Telephone Co., The	1.10
Crump & Co., F. M.	264.43	Citizens Telephone Co.	36.00
Dorman Co., J. F. W.	21.00	Total	37.10
Espey, John B.	5.80	<i>Rent.</i>	
Fairfax & Crook	7.35	Smith, F. M.	120.00
Fisher, A. J.	489.00	Swartzell, Rheem & Hensley	312.50
Galliber & Bro., W. T.	11.32	Total	432.50
Germert, G.	16.58	<i>Gas and electricity.</i>	
Hartig, Louis	5.65	Paris Light & Power Co.	6.00
Heiskell & Co., jr., P. H.	2.75	Potomac Electric Power Co.	504.14
Hopfenmaier, Lewis	.16	Washington Gas Light Co.	1.53
Johnson & Billingsly	27.50	Total	511.67
Jorss, A. F.	36.67	<i>Apparatus, instruments, and laboratory material.</i>	
Kann Sons & Co., S.	1.35	Bausch & Lomb Optical Co.	38.65
Killian Co., Geo. P.	516.79	Eastman Kodak Co.	364.12
Lanman Engraving Co.	15.50	Elmer & Amend	2.80
Lansburgh & Bro.	1.92	Elmer & Amend	9.45
McFadden & Bros. Agency, G. H.	76.65	Gillman, Z. D.	4.00
Martin, John	35.75	Pullman, E. J.	.90
Mayerat, Jules	317.25	Schmidt, Fred A.	3.84
Murphy Co. (Inc.), E. J.	13.34	Shoemaker & Busch	
National Mortar Co.	1.34	Total	423.76
New Orleans Cotton Exchange	195.89	<i>Travel and station and field expenses.</i>	
Parker & Co., John M.	26.53	Barbot, W. P.	340.60
Potomac Elect. Power Co.	45.00	Barghausen, John F.	5.70
Randolph Paper Box Co.	191.45	Bennett, R. I.	381.74
Rhoads & Fillman	5.58	Brand, Chas. J.	27.75
Robbins & Myers Co.	46.64	Cobb, N. A.	88.83
Roebing's Sons Co., John A.	66.80	Eagle, D. E.	43.30
Rogers & Co., Jno. D.	75.64	Mazerat, Jules	122.50
Sears, Roebuck & Co.	1.47	Richey, E. C.	7.00
Smith, Thos. W.	68.91	Total	1,017.42
Steele Miller & Co.	270.78		
Thiemeyer & Co., J. H.	138.00		
Wesol Manufacturing Co., F.	1.85		
Woodward & Lothrop	7.52		
Styles, Samuel, Mrs.	1.50		
Total	3,395.38		
<i>Furniture.</i>			
Moses & Sons, W. B.	76.86		
<i>Freight.</i>			
Illinois Central R. R.	1.13		
Knox Express Co., The Geo. W.	8.64		
Louisville & Nashville R. R. Co.	2.00		

Total amount of appropriation \$12,250.00  
Total expenditures under above groups 10,724.80

Unexpended balance on Aug. 31, 1910 1,525.20  
Outstanding liabilities (estimated) 700.30

Balance to be turned back in Treasury (estimated) 824.90



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (grain standardization), \$52,440."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Shanahan, John D.	Technologist, at \$3,000.	\$3,000.00	\$576.38
Duvel, J. W. T.	Assistant, at \$2,250.	2,250.00	928.86
Boerner, E. G.	Assistant, at \$1,500.	500.00	661.89
Besley, Harold J.	Assistant, at \$1,200.	536.67	18.84
Cox, John H.	do.	1,200.00	387.50
Cron, Alexander B.	do.	100.00	662.56
Miller, Ralph C.	do.	300.00	176.65
Rankin, John O.	do.	300.00	18.19
Crane, Edward.	Clerk, stenographer, and typewriter, at \$900.	615.00	
Carter, Emma J.	Laborer, at \$40 per month.	240.00	
Total		9,041.67	
<i>Out of Washington.</i>			
Fitz, Leslie A.	Assistant in grain standardization, at \$1,800, and collaborator, at \$1 per month.	1,204.00	376.65
Boerner, E. G.	Assistant in grain standardization, at \$1,500.	1,000.00	
Carroll, Wm. P.	do.	1,500.00	266.78
Bailey, Clyde H.	Assistant in grain standardization, at \$1,200.	1,200.00	516.40
Duval, Laurel.	do.	1,200.00	515.63
Jeffers, Leonard M.	do.	1,200.00	847.19
Morris, Evan L.	do.	1,200.00	426.22
Richey, Edgar C.	do.	1,146.67	280.32
Rothrock, Philip.	do.	1,200.00	284.00
Sattre, Alfred M.	do.	1,200.00	294.06
Smith, Le Roy M.	Assistant in grain standardization, at \$960 and \$1,080.	925.00	76.50
Miller, Ralph C.	Assistant, at \$1,200.	800.00	
Bollman, Parker J.	Aid in grain standardization, at \$75 per month and \$900.	900.00	53.90
Comerford, John F.	Aid in grain standardization, at \$900 and \$1,020.	762.33	5.51
Davies, Geo. N.	do.	955.00	
O'Loughlin, Wm. J.	Aid in grain standardization, at \$75 per month and \$1,020.	955.00	133.30
Russell, Clark A.	Aid in grain standardization, at \$900 and \$1,020.	955.00	458.94
Thomas, Levi.	Collaborator, at \$25 per month.	300.00	
Rush, A. L.	Collaborator, at \$10 per month.	45.00	
Austin, David V.	Clerk, at \$720.	340.00	
Cox, James P.	do.	20.00	
O'Connor, Leslie M.	do.	644.00	
Flanner, Edgar H.	Clerk, at \$600.	600.00	23.84
French, Wm. F.	Clerk, at \$50 per month.	150.00	
McCall, Edward J.	Clerk, at \$600.	600.00	15.00
Samuels, Walter M.	do.	450.00	
Total		21,452.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Andrews Paper Co.	\$5.20	Lucas Bros. (Inc.)	\$24.05
Ballantyne, R. Carter.	.32	Morrison Paper Co., E.	.50
Columbia Ribbon & Carbon Manufacturing Co.	3.50	Newman, E. S.	1.00
Contingent expenses, Department of Agriculture	159.37	Page Tredway Co.	3.00
Heywood Manufacturing Co.	41.75	Schmidt, Fred A.	15.75
Lamb & Tilden	.75	Stott & Co., Chas. G.	4.40
Library Bureau	11.70	Swayze, W. L.	4.50
		Total	275.79

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (grain standardization), \$52,440"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Adams, B. C.	\$72.92	Nelsenn, Hans	\$2.00
Alberene Stone Co.	340.00	Operative Miller Press	3.50
American Can Co.	13.30	Paulle Co., L.	10.80
Baker's Helper Co.	1.00	Richardson, Frank	2.20
Baltimore Electrical Supply Co.	3.00	Rogers, G. D.	3.00
Barnes Electric Consolidated Co. (Ltd.)	5.40	Royal Milling Co.	3.60
Becker Leather Goods Co. (Inc.)	17.50	Rudolph & West Co.	.80
Beckman, J. W.	2.50	Sanderson, E. J.	2.14
Board of Trade of the City of Chicago, Ill.	8.14	Schwab, J. G.	38.40
Bokern, Frank T.	2.00	Scientific Station for Pure Products	14.00
Boyd Transfer & Storage	32.70	Shaffer & Co., J. C.	13.00
Brentano's	.20	Shellabarger, W. L.	253.79
Brown Storage & Packing Co., J.	40.00	Shellabarger Elevator Co.	1,292.44
Chase & Co., A. F.	8.00	Simonds-Shields Grain Co.	9.90
Chattanooga Spring Water Co.	14.20	Smith-Premier Typewriter Co.	2.50
Christanson, John	4.20	Smith Sign Co.	2.00
Christanson Bros.	3.00	Standard Oil Co.	10.10
Columbia Smelting & Refining Works	.34	Stechert & Co., C. E.	6.25
Contingent expenses, Department of Agriculture	85.64	Taite & Sisler Co.	45.00
Decatur Electric Machine & Equip- ment Co.	9.50	Thierwechter Co., Emery	2,015.00
Decatur Lumber & Manufacturing Co.	25.00	Underwood Typewriter Co.	37.75
Emery, Bird, Thayer Co.	2.40	Vincent, J. C.	3.04
Espey, John B.	6.24	Walker, W. Irving	90.00
Fairbanks Co.	2.20	Washington Grain & Milling Co.	3.80
Fairbanks, Morse & Co.	42.00	Waters-Pierce Oil Co.	20.40
Farmers' Elevator Co.	6.76	Watters & Co., Edward	349.00
Frank, G.	6.50	Werner & Pfleiderer	30.00
Gallatin County Farmers' Alliance	7.00	Whiting & Co., W. H.	6.40
Garfield County Milling Co.	4.70	Woodward, Wight & Co.	6.40
Geiger, E. E.	2.40	Total	6,042.10
Geiser Manufacturing Co.	42.50	<i>Furniture.</i>	
Glesne, O. O.	2.51	Gimbel, Ellis A.	3.02
Grain Dealers Co.	10.50	Library Bureau	37.15
Gregory Co., W. R.	1.00	Lincoln, Fred S.	55.45
Hall, A. V.	1.00	Lucas Bros.	30.00
Hartig, Louis	.21	Luger Furniture Co.	3.00
Hastings & Miller	6.50	Macey Co.	3.00
Hay & Grain Publishing Co.	6.00	Scoville Co.	19.00
Hertsgaard, Amund P.	5.07	Shaw-Walker Co.	3.75
Hoge & McDowell Co.	1.00	Skinner & Kennedy Stationery Co.	19.75
Hord Grain Co., T. B.	431.35	Yawman & Erbe Manufacturing Co.	10.75
Huron Milling Co.	5.14	Total	184.87
Hutterly, A. O.	10.00	<i>Freight.</i>	
Independent Ice Co.	8.72	A. B. C. Storage & Moving Co.	9.25
Johnson, Otto	2.61	Boyd Transfer & Storage Co.	4.45
Joyce Engraving Co., Maurice	15.40	Chicago, Burlington & Quincy Ry.	1.38
Kansas Milling Co.	4.30	Chicago, Milwaukee & St. Paul Ry. Co.	23.84
Kansas State Grain Insurance De- partment	4.54	Great Northern Ry.	11.23
Landers & Co., C. J.	13.30	Illinois Central R. R.	.95
Learned, George A.	3.00	Knox Express Co., Geo. W.	5.50
Leonhardt & Co., A. F.	65.08	Lake Shore & Michigan Southern Ry. Co.	.76
Mabbs, J. W.	3.15	Northern Pacific Ry. Co.	16.03
Mahon, P. H.	3.00	Pennsylvania R. R. Co.	2.93
Manhattan Electrical Supply Co.	3.65	Star Union Line	.77
Mathy Co.	8.65	Vandalia R. R. Co.	.77
Miller Publishing Co.	21.00	Wabash R. R. Co.	28.24
Minnesota State Grain Inspection Department	8.75	Total	106.10
Mitche Bros. Co.	15.75	<i>Express.</i>	
Modern Miller Co.	14.00	Adams Express Co.	67.71
Monarch Milling Co.	5.00	United States Express Co.	21.21
Moore, Alfred T.	72.46	Total	88.92
Muller Co., Louis	110.75		
Muth & Co., Geo. F.	9.00		
Myer & Son	4.50		
Myers Hardware Co., R. H.	2.25		
National Baker Publishing Co.	1.00		
National Electrical Supply Co.	76.20		

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (grain standardization), \$52,440"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Postal Telegraph-Cable Co.....	\$2.56	Mallinckrodt Chemical Works.....	\$2.75
Western Union Telegraph Co.....	25.29	Peck Co., O. H.....	3.60
Total.....	27.85	Pullman, E. J.....	6.18
<i>Telephone.</i>		Sargent & Co., E. H.....	8.59
Bell Telephone Co. of Missouri.....	45.00	Schmidt, Fred A.....	49.00
Central Union Telephone Co.....	48.00	Sheetz, W. Silas.....	2.80
Chesapeake & Potomac Telephone Co..	86.35	Taylor Instrument Co.....	165.60
Chicago Telephone Co.....	93.63	Thexton, H. A.....	15.00
New York Telephone Co.....	28.60	Thomas Co., A. H.....	3.00
Tri-State Telegraph & Telephone Co..	42.24	Torsion Balance Co.....	23.00
Total.....	343.82	Wagner Glass Works.....	10.00
<i>Rent.</i>		Whitall, Tatum Co.....	142.43
Board of Trade of the city of Chicago..	624.00	Total.....	2,270.16
Chamber of Commerce Building Co....	750.00	<i>Travel and station and field expenses.</i>	
Decatur Home Telephone Co.....	120.00	Austin, David V.....	88.60
Eustis, Wm. H.....	360.00	Bailey, C. H.....	166.09
Merchants' Exchange.....	416.66	Besley, H. J.....	18.84
New Orleans Board of Trade (Ltd.)....	480.00	Boerner, E. C.....	661.89
New York Produce Exchange.....	475.00	Bollman, Parker J.....	53.90
Review Publishing Co.....	88.00	Carroll, W. P.....	266.78
Twelfth Street Realty Co.....	40.00	Comerford, John F.....	5.51
Total.....	3,353.66	Cox, Jno. H.....	387.50
<i>Apparatus, instruments, and laboratory materials.</i>		Cron, A. B.....	23.30
Bausch & Lomb Optical Co.....	58.18	Duval, Laurel.....	515.63
Becker, Christian.....	108.15	Duval, J. W. T.....	908.46
Carl, Frederick.....	5.00	Fitz, L. A.....	376.65
Central Scientific Co.....	2.56	Flanner, Edgar H.....	23.84
Eastman Kodak Co.....	22.00	Hammerly, J. M.....	2.70
Elmer & Amend.....	27.88	Jeffers, L. M.....	808.88
Flemer, Louis.....	.76	Jenkins, J. Mitchell.....	26.85
Gilman, Z. D.....	3.15	McCall, Edward J.....	15.00
Greimer Co., Emil.....	24.09	Miller, Ralph C.....	176.65
Hell Chemical Co., Henry.....	6.31	Morris, E. L.....	415.23
Kny-Scheerer Co.....	170.00	O'Loughlin, Wm. J.....	133.30
Leeds & Northrup Co.....	1,398.55	Rankin, J. O.....	18.19
Mackall Bros.....	11.58	Richy, E. C.....	273.32
		Rothrock, Philip.....	284.00
		Russell, C. A.....	458.94
		Sattre, A. M.....	288.91
		Shanahan, John D.....	576.38
		Smith, LeRoy M.....	76.50
		Total.....	\$7,051.84
Total amount of appropriation.....		\$52,440.00	
Total expenditures under above groups.....		50,238.78	
Unexpended balance on Aug. 31, 1910.....		2,201.22	
Outstanding liabilities (estimated).....		1,657.19	
Balance to be turned back in Treasury (estimated).....		544.03	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation, "General expenses, Bureau of Plant Industry, 1910 (physical investigations), \$15,510."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Briggs, L. J.	Physicist, at \$2,750.	\$2,750.00	\$545.48
Belz, J. O.	Assistant, at \$1,600.	1,600.00	255.30
McLane, John W.	Assistant, at \$1,400.	1,400.00	298.26
Pearce, Julia R.	do.	1,400.00	
Seifriz, William E.	Laboratory helper in chemical biology, at \$80 per month.	93.33	
Wheeler, B. C.	Mechanician, at \$1,200.	1,196.67	
Bitter, Harry.	Greenhouse assistant, at \$25 per month.	25.00	
Baxter James H.	Clerk, stenographer, and typewriter, at \$900.	582.50	
Parker, J. T.	Laborer, at \$55 per month.	55.00	
Booker, Maggie.	Charwoman, at \$240.	64.67	
Tibbs, Mary A., Mrs.	Charwoman, at \$20 per month.	164.00	
Total.		9,331.17	
<i>Out of Washington.</i>			
Martin, Homer.	Special agent, at \$70 per month.	177.33	24.75

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Contingent expenses, Department of Agriculture.	\$78.97	Ennis & Son, Geo. T.	\$58.98
Cornell Cooperative Society	3.00	Espey, John B.	55.67
Lamb & Tilden.	1.61	Fairbanks Co.	29.09
Lincoln, Fred. S.	9.00	Grand, J. L.	28.20
Total	92.58	Harrington & King Perforation Co.	9.00
<i>Miscellaneous supplies, etc.</i>		Hartig, Louis.	4.40
Alberene Stone Co.	370.00	Hawkins & Ockey.	38.60
American Can Co.	25.20	Jenks & Son, W. S.	34.20
American Meter Co.	65.00	Johns-Manville Co., H. W.	61.44
American Swiss File & Tool Co.	14.07	Kemp, J. P.	178.50
Anderson Hardware Co.	15.00	Kohler, Fritz.	43.72
Armour & Co.	3.50	Lambie Co., James B. (Inc.)	74.38
Baer Bros.	3.60	Lansburgh & Bro.	.42
Banks & Co., F. S.	1.59	Lewis, M. W.	10.63
Barber & Ross.	2.50	Manhattan Electrical Supply Co.	16.30
Biddle, James G.	122.68	Martin, Homer.	4.00
Boston Gear Works.	1.80	Millhiser Bag Co. (Inc.)	21.65
Brown & Sharpe Manufacturing Co.	32.77	Moore & Co.	10.00
Burroughs Adding Machine Co.	431.82	Morrow-Thomas Hardware Co.	18.00
Card Manufacturing Co., S. W.	.86	Murphy Co., E. J. (Inc.)	3.87
Catlin Co., Elmer H.	2.50	Muth & Co., Geo. F.	7.86
Chipman Electric Co.	12.00	National Electric Supply Co.	32.73
Clendenin Bros.	17.17	Reilly, Hugh.	1.30
Columbia Smelting & Refining Works.	12.75	Reliance Electric & Engineering Co.	128.00
Consolidated Sales Co.	4.74	Robbins & Myers Co.	30.30
Contingent expenses, Department of Agriculture.	284.07	Rudolph & West Co.	15.86
Copeland Co., M. G.	.93	Schloer, Frank H.	4.00
Corbett, Geo. E.	1.25	Sherwin-Williams Co.	.90
Driver-Harris Wire Co.	3.00	Somerville Co., Thos.	12.79
Droop & Sons Co., E. F.	1.00	Sturtevant Co., B. F.	35.00
Dulin & Martin (Inc.)	31.32	Summerill Tubing Co.	46.20
Duparquet, Hust & Moneuse Co.	3.15	Swearingen & Co., T. L.	12.00
Eberly's Sons, A.	5.00	Ward & Sons, Edgar T.	2.94
Edison Storage Battery Co.	36.45	Ward-Leonard Electric Co.	88.00
Edmonston, Chas. R.	30.00	White, Fred J.	2.79
		Whyte, Warren M.	24.75
		Wiegand, Martin.	13.80
		Woodward & Lothrop.	2.15
		Total	2,698.14

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation, "General expenses, Bureau of Plant Industry, 1910 (physical investigations), \$15,510"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Lansburgh Furniture & Carpet Co., Julius.	\$11.22	Bausch & Lomb Optical Co.....	\$77.96
Lincoln, Fred. S.....	94.50	Burch & Kleps.....	12.40
Total.....	105.72	Eimer & Amend.....	42.35
<i>Freight.</i>		Flemer, Lewis.....	17.90
Chicago, Burlington & Quincy Ry...	24.42	Friez, Julien P.....	355.25
Knox Express Co., Geo. W., The.....	1.78	Gaertner & Co., Wm.....	133.05
Pennsylvania Ry.....	1.00	Gilman, Z. D.....	13.25
Total.....	27.20	Green, Henry J.....	100.50
<i>Express.</i>		Greiner Co., Emil.....	8.00
Adams Express Co.....	129.68	Gundelach, Emil.....	47.19
U. S. Express Co.....	33.65	Isgard-Warren Co.....	9.76
Total.....	163.33	Keuffel & Esser Co.....	10.63
<i>Telegraph.</i>		Leeds & Northup Co.....	48.30
Postal Telegraph-Cable Co.....	.20	Luthin, R. H.....	4.80
Western Union Telegraph Co.....	10.15	Mackall Bros.....	18.03
Total.....	10.35	Philadelphia Thermometer Co.....	5.50
<i>Telephone.</i>		Pittsburgh Gage & Supply Co.....	14.40
Chesapeake & Potomac Telephone Co.	7.50	Schneider Bros.....	34.00
		Sheetz, W. Silas.....	.75
		Shoemaker & Busch.....	.15
		Smithsonian Institution.....	90.00
		Thomas Co., A. H.....	22.30
		Tyrer & Co., Thomas (Ltd.).....	41.24
		Total.....	1,107.71
		<i>Travel and station and field expenses.</i>	
		Briggs, L. J.....	288.48
		Farrell, F. D.....	4.55
		McLane, J. W.....	298.26
		Martin, Homer.....	24.75
		Thysell, John C.....	9.27
		Total.....	625.31

Total amount of appropriation..... \$15,510.00  
 Total expenditures under above groups..... 14,346.34

Unexpended balance on Aug. 31, 1910..... 1,163.66  
 Outstanding liabilities (estimated)..... 1,066.11

Balance to be turned back in Treasury (estimated)..... 97.55

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (special seeds and plants) \$11,550."

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Wight, W. F.	Botanist, at \$1,980	\$990.00	\$765.68
Mann, Albert.	Expert, at \$1,600	1,600.00	
Skeels, Homer C.	Assistant, at \$1,500	1,500.00	3.07
Goss, Audrey.	Assistant, at \$1,000	985.81	
Harlan, Harry V.	Scientific assistant in plant breeding, at \$1,440	600.00	177.19
Austin, Mary A.	Aid, at \$1,000	1,000.00	
Bergner, Sophie J.	Aid, at \$900, and \$2.88 per diem	892.68	
Rose, Joseph S.	Student assistant, at \$25 per month	28.33	
Warren, Marie J.	Clerk, stenographer, and typewriter, at \$720	120.00	
Total		7,716.82	
<i>Out of Washington.</i>			
Harlan, Harry V.	Scientific assistant in plant breeding, at \$1,440	840.00	
Howell, H. H.	Clerk, at \$1,200	290.00	205.13
Total		1,130.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$16.31	Steckler Seed Co., J. (Ltd.)	\$7.15
Columbia Ribbon & Carbon Manufacturing Co.	1.63	Thorburn & Co., J. M.	25.15
Contingent expenses, Department of Agriculture	18.40	Topham, James S.	4.00
Library Bureau	40.60	Underwood Typewriter Co.	5.50
Stockett-Fiske Co.	22.00	United States Bindery	5.50
Swayze, W. L.	4.19	Welsbach Co.	.70
Total	103.13	Westinghouse Electric Co.	19.40
<i>Miscellaneous supplies, etc.</i>		Williams, Brown & Earle	3.50
Barber & Ross	.62	Wood & Sons, T. W.	16.88
Bolzano & Co., F. W.	31.25	Woodward & Lothrop	2.60
Brentano's	6.20	Zirngiebel, Augustus	15.00
Conard & Jones Co.	21.82	Total	479.80
Contingent expenses, Department of Agriculture	2.01	<i>Furniture.</i>	
Crandall Packing Co.	1.11	Globe Wernicke Co.	5.00
DeHart, Elizabeth	5.00	Lincoln, Fred. S.	49.32
Dreer, Henry A. (Inc.)	.80	Moses & Sons, W. B.	2.00
Dulin & Martin (Inc.)	.25	Yawman & Erbe Manufacturing Co.	106.15
Farguhar & Co., R. & J.	.25	Total	162.47
Franklin Davis Nursery Co.	11.75	<i>Freight.</i>	
Glen St. Mary Nurseries Co.	1.45	Roosa, I. P.	1.25
Goodspeed, C. M.	1.00	Washington-Southern Ry. Co.	2.81
Haines Co., Robt. B.	3.75	Total	4.06
Jenks & Son, W. S.	1.25	<i>Express.</i>	
Katzenstein & Co. Otto	1.35	Adams Express Co.	9.86
Meehan & Son, Thomas	5.35	<i>Telegraph.</i>	
Newrath, J. P.	16.50	Western Union Telegraph Co.	.63
Randolph Paper Box Co.	36.65		
Reasoner, E. N.	2.50		
Remington Typewriter Co.	1.10		
Roovers Bros.	209.40		
San Dimas Citrus Nurseries	11.26		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (special seeds and plants), \$11,550"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Baker, Reid S.....	\$65.05	Volgtlander & Sohn Optical Works,	
Bausch & Lomb Optical Co.....	11.65	A. G.....	\$5.00
Eastman Kodak Co.....	34.20	Whitall, Tatum Co.....	16.95
Eimer & Amend.....	1.95	Total.....	191.20
Flemer, Lewis.....	.71	<i>Travel and station and field expenses.</i>	
Gillman, Z. D.....	1.63	Clarke, F. W.....	52.75
Gundlach-Manhattan Optical Co.....	4.05	Dorsett, P. H.....	64.50
Leese, M. A.....	7.19	Fairchild, David G.....	46.79
Leitz, Ernst.....	31.20	Harlan, Harry V.....	177.19
McKee Surgical Instrument Co.....	.75	Howell, Herbert H.....	205.13
Mackall Bros.....	1.28	Total.....	546.36
Schmidt, Fred A.....	.36		
Thomas Co., A. H.....	9.23		

Total amount of appropriation..... \$11,550.00  
 Total expenditures under above groups..... 10,344.33

Unexpended balance on Aug. 31, 1910..... 1,205.67  
 Outstanding liabilities (estimated)..... 781.33

Balance to be turned back in Treasury (estimated)..... 424.34

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (seed testing laboratories), \$26,040." (Original subappropriation of \$25,840 increased by transfer of \$200 from Farm Management.)*

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Brown, E.....	Botanist, at \$2,250.....	\$2,250.00	\$682.56
Hillman, F. H.....	Assistant, at \$1,800.....	1,800.00	103.50
Goss, W. L.....	Assistant, at \$1,200 and \$1,380.....	1,282.50	156.91
Harrington, Geo. T.....	Assistant, at \$1,020.....	1,020.00	102.16
Merick, Lovina S.....	Assistant, at \$1,000, and scientific assistant, at \$1,000.....	250.00	
Moss, James M., jr.....	Assistant, at \$1,000.....	986.10	
Sirrine, Emma F.....	Assistant, at \$1,000 and \$1,200.....	1,091.67	
Allen, Louise M.....	Assistant, at \$840.....	487.67	109.70
Benedict, J. E., jr.....	do.....	840.00	
Carpenter, Alma L.....	do.....	655.67	
Doyle, Emma S.....	Assistant, at \$840 and \$1,020.....	852.50	
Hite, Bertha C.....	Assistant, at \$840.....	840.00	
Lute, Anna M.....	do.....	266.00	
Stott, Mary L.....	Assistant, at \$70 per month.....	508.67	
Tillman, Opal I.....	Assistant, at \$840.....	770.00	44.86
De Loach, C. B.....	Assistant, at \$50 per month.....	141.67	
Ely, Ethel M.....	Aid, at \$720.....	696.00	
Henry, Helen H.....	Aid, at \$720 and \$900.....	577.50	51.65
Russ, Blanche.....	Aid, at \$720.....	120.00	
Waddle, Norma.....	Aid, at \$720 and \$900.....	375.00	67.60
Burket, Frances.....	Aid, at \$600 and \$840.....	620.00	97.85
Jones, Mary R., Mrs.....	Student assistant, at \$25 per month.....	150.00	
Walter, Olin A.....	Unskilled laborer, at \$720.....	60.00	
Total.....		16,640.95	
<i>Out of Washington.</i>			
Merick, Lovina S.....	Scientific assistant, at \$1,000.....	500.00	
Allen, Louise M.....	Scientific assistant, at \$840.....	350.00	
Tillman, Opal I.....	Assistant, at \$840.....	70.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (seed testing laboratories), \$26,040"—  
 Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bunting, J. D.	Special agent, at \$60 per month.	\$60.00	.....
Henry, Helen H.	Aid, at \$900.	150.00	.....
Burket, Frances.	Aid, at \$840.	70.00	.....
Scott, N. S., Mrs.	Laboratory aid in seed testing, at \$840.	350.00	.....
Waddle, Norma.	Laboratory aid, at \$720 and \$900.	427.50	.....
Cunningham, B. D.	Laboratory aid, at \$50 per month, and assistant, at \$25 per month.	255.83	.....
Aaronson, J. E.	Collaborator, at \$3 per diem.	3.75	.....
Ash, William.	do.	3.00	\$17.42
Bjelland, A. A.	do.	25.00	35.89
Bland, D. J.	do.	6.00	.....
Bohl, Joseph B.	do.	1.50	.....
Boulard, Ezra N.	do.	3.00	.....
Breuer, Miles J.	do.	4.50	.....
Buntin, M. J.	do.	8.00	10.10
Calk, J. C.	do.	18.00	18.05
Chilberg, C. V.	do.	3.00	.....
Chisholm, R. A.	do.	13.50	12.90
Collett, Richard W.	do.	2.25	.....
Crum, H. C.	do.	6.00	2.85
Currier, Harold J.	do.	5.25	7.25
East, R. G.	do.	1.50	.....
English, L. W.	do.	1.50	.....
Fish, C. W.	do.	6.00	19.90
Handy, F. W.	do.	6.00	12.09
Harrington, L. J.	do.	3.00	.....
Harvey, Lester F.	do.	21.00	31.90
Hawley, Geo. A.	do.	3.00	.....
Henderson, John G.	do.	16.50	31.06
Hunton, W. G.	do.	4.88	.....
Joy, H. P.	do.	6.75	17.21
Kinney, W. H.	do.	10.50	3.08
Kline, James.	do.	15.00	14.90
Kuska, Val.	do.	7.50	.....
Leipold, Grover C.	do.	4.50	.....
McClanahan, C. B.	do.	4.50	11.30
Michels, C. A.	do.	11.25	.....
Minthorn, Theo. W.	do.	15.00	7.57
Moss, Hugh T.	do.	22.50	34.81
Newlon, E. L.	do.	7.50	26.33
Nichols, Floyd B.	do.	5.25	3.94
Parker, John E.	do.	4.50	9.62
Raut, Alfred.	do.	.75	.....
Robb, C. P.	do.	3.00	9.67
Russell, Richard T.	do.	6.00	.....
Sanborn, H. C.	do.	3.00	2.67
Sanford, L. V.	do.	4.50	.....
Scott, L. P.	do.	2.25	2.70
Sharpe, J. A.	do.	16.50	17.46
Sherman, Benj. F.	do.	10.00	14.05
Strand, Oscar M.	do.	6.00	.....
Swingle, C. G.	do.	5.06	.....
Taylor, George M.	do.	12.00	12.11
Turner, A. W.	do.	1.50	.....
Vanscoy, Jesse G.	do.	3.00	.....
Vibbert, Frank L.	do.	6.00	10.74
Vrooman, De Vine.	do.	25.00	.....
Wales, Frederick.	do.	2.00	.....
Walker, J. B.	do.	3.00	.....
Williams, Geo. W.	do.	3.75	3.10
Williams, Jesse B.	do.	6.00	.....
Williams, Walter L.	do.	6.00	.....
Barlow, B.	Collaborator, at \$1 per month.	5.23	.....
Christie, G. I.	do.	4.50	.....
Demoree, Frank H.	do.	1.00	.....
Miller, Merritt F.	do.	11.00	.....
Scudder, Henry D.	Collaborator, at \$12.	9.50	.....
Total.		2,670.75	.....

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (seed-testing laboratories), \$26,040"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight.</i>	
Andrews Paper Co., R. P.	\$100.31	Blue Line Transfer Co.	\$0.50
Contingent expenses, Department of Agriculture.	186.17	Chicago, Burlington & Quincy Ry.	1.21
District of Columbia Paper Manufacturing Co.	119.76	Chicago, Milwaukee & St. Paul Ry. Co.	1.69
Heywood Manufacturing Co.	228.00	Chicago & Northwestern Ry. Co.	6.02
Lincoln, Fred. S.	1.65	Hall, Wm.	1.00
Schmidt, Fred A.	.30	Knox Express Co., Geo. W., The.	2.23
Sieber & Trussell Manufacturing Co.	18.12	Norfolk & Washington Steamboat Co.	2.90
Stockett-Fiske Co.	4.25	Pennsylvania Ry.	1.44
Union Envelope Co.	9.70	Southern Pacific Co.	20.41
United States Envelope Co.	6.17	Wabash R. R. Co.	1.34
Valley Paper Co.	19.80	Total.	38.74
Total.	694.23	<i>Express.</i>	
<i>Miscellaneous supplies, etc.</i>		Adams Express Co.	11.37
Bain, H. F.	30.00	United States Express Co.	18.65
Bates Machine Co.	6.00	Total.	30.02
Bedell Manufacturing Co.	3.12	<i>Telegraph.</i>	
Blake, Robert R.	1.60	Western Union Telegraph Co.	8.54
Clarke Co., R. P.	3.30	<i>Telephone.</i>	
Collins, J. Ross.	58.86	Chesapeake & Potomac Telephone Co., The.	8.85
Contingent expenses, Department of Agriculture.	113.26	<i>Apparatus, instruments, and laboratory material.</i>	
Dandeno, J. B.	112.50	Bausch & Lomb Optical Co.	108.15
Droop & Sons Co., E. F.	1.00	Draper Manufacturing Co.	1.10
Du Perow, M.	54.50	Eastman Kodak Co.	35.35
Dyer, W. H.	28.00	Eimer & Amend.	1.15
Franklin Co., The.	26.00	Kuy-Scherer Co.	1,109.00
Franklin Laundry	38.40	Leese, M. A.	14.38
Grant, James H.	88.00	Lenz & Lossau.	2.04
Hastings & Co., H. G.	4.00	Mackall Bros.	36.49
Hertzog, P. H.	81.00	Pullman, E. J.	2.40
Hutterly, A. O.	1.50	Schmidt, Fred A.	23.80
Illinois Seed Co.	12.75	Sheetz, W. Silas.	14.25
Lambie Co., James B. (Inc.)	3.20	Shoemaker & Bauseh.	10.93
Mathy Co.	40.00	Spencer Lens Co.	199.01
Morris, Geo. C.	63.30	Sussman Photographic Stock Co., J.	2.40
Murphy Co., E. J. (Inc.)	1.38	Tregor & Sons, M.	1.80
Muth & Co., Geo. F.	.55	Whitall, Tatum Co.	9.41
Noye Manufacturing Co.	2.13	Total.	1,569.66
Page Belting Co.	2.41	<i>Travel and station and field expenses.</i>	
Pennock-Meehan Co., S. S.	2.25	Allen Louise M.	109.70
Postmaster.	60.00	Ash, William.	17.42
Randolph Paper Box Co.	85.00	Bjelland, A. A.	35.89
Roots Co., P. H. & F. M.	33.00	Blakeslee, Elihu.	5.56
Rudolph & West Co.	.41	Brown, E.	682.56
Schmid, Edw. S.	5.35	Buntin, Merritt J.	10.10
Sefton Manufacturing Co.	30.08	Burket, Frances.	97.85
Sloane, W. & J.	28.03	Calk, Jas. C.	18.05
Smith, Thos. W.	12.65	Chisholm, R. A.	12.90
Swingle, D. B.	6.25	Crum, H. C.	2.85
Tregor Sons, M.	.75	Currier, Harold J.	7.25
Underwood Typewriter Co.	24.00	Duffy, James L.	9.25
Washington Woodworking Co.	8.50	Fish, C. W.	19.90
Welsbach Co.	11.00	Gardiner, S. H.	8.89
Western Supply Co.	9.58	Goss, W. L.	156.91
Westinghouse Electric Co.	56.63	Gulmon, Albert.	4.02
Woodward & Lothrop.	40.92	Handy, F. W.	12.09
Total.	1,191.16	Harrington, G. T.	102.16
<i>Furniture.</i>		Harvey, Lester F.	31.90
Lincoln, Fred. S.	31.50		
Moses & Sons, W. B.	66.50		
Woodruff Manufacturing Co.	104.50		
Total.	202.50		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses Bureau of Plant Industry, 1910 (seed-testing laboratories), \$26,040"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
Henderson, John G.	\$31.06	Parker, John E.	\$9.62
Henry, Helen H.	51.65	Robb, C. P.	9.67
Hillman, F. H.	103.50	Sanborn, H. C.	2.67
Joy, H. P.	17.21	Scott, L. P.	2.70
Kinney, W. H.	3.08	Sharpe, J. A.	17.46
Kline, James.	14.90	Sherman, Benj. F.	14.05
Krumbine, H. S.	3.41	Taylor, Geo. M.	12.11
McClanahan, C. B.	11.30	Tilman, Opal I.	44.86
Merick, Lovina S.	227.27	Vibbert, Frank L.	10.74
Minthorn, T. W.	7.57	Waddle, Nouna	67.60
Moss, Hugh T.	34.81	Williams, Geo. W.	3.10
Newton, E. L.	26.33		
Nichols, Floyd B.	3.94	Total.	2,071.14

Total amount of appropriation.....\$26,040.00  
Total expenditures under above groups.....25,126.54

Unexpended balance on Aug. 31, 1910.....913.46  
Outstanding liabilities (estimated).....825.54

Balance to be turned back in Treasury (estimated).....87.92

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (grain investigations), \$64,830." (Original subappropriation of \$63,910 increased by transfer of \$800 from forest pathology and \$120 from administrative and miscellaneous.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Carleton, M. A.	Cerealists, at \$3,000.	\$3,000.00	\$846.40
Jardine, W. M.	Agronomist, at \$2,250.	2,250.00	863.33
Ball, C. R.	Agronomist, at \$2,000.	2,000.00	489.19
Warburton, C. W.	Agronomist, at \$1,600.	1,600.00	368.27
Derr, H. B.	Agronomist, at \$1,400.	1,400.00	156.75
Blanchard, H. F.	Assistant agronomist, at \$1,380.	575.00	516.73
Hartley, C. P.	Physiologist, at \$1,800.	1,800.00	561.41
Johnson, Edw. C.	Pathologist, at \$1,400.	1,400.00	575.90
Chambliss, Chas. E.	Expert, at \$1,800.	1,800.00	1,341.61
Potter, Alden A.	Expert, at \$1,200, and assistant plant pathologist, at \$1,440.	830.00	384.83
Farrell, Francis D.	Scientific assistant, at \$1,400.	443.33	
Shelley, Wilson G.	Scientific assistant, at \$840 and \$1,200.	310.00	153.95
Saunders, O. H.	Scientific assistant in grain investigation, at \$75 per month.	37.50	
Stephens, D. E.	Assistant, at \$1,800.	1,500.00	
Kyle, C. H.	Assistant, at \$1,600.	1,600.00	908.53
Brown, E. B.	Assistant, at \$1,500.	1,500.00	934.09
Towles, Robt. C.	Assistant, at \$25 per month.	10.83	
Salmon, Cecil.	Special agent, at \$100 per month, and plant physiologist, at \$1,440.	300.00	164.58
Babcock, Frank R.	Special agent, at \$60 per month, and assistant, at \$1,200.	520.00	181.36
Clarke, Fred W.	Gardener, at \$1,200.	266.67	687.78
Martyn, John W.	Clerk, stenographer, and typewriter, at \$900.	75.00	
Hudson, Agnes T.	Clerk, at \$1,000.	708.33	
Shekells, Mabel A.	Clerk, at \$840.	25.67	
Leach, Anne B.	Clerk, at \$720.	236.00	
Payne, H. S.	Painter, at \$60 per month.	240.00	
Hammerley, J. M.	Skilled laborer, at \$840.	840.00	223.30
Potter, Burton M.	Skilled laborer, at \$720.	32.00	
Walter, Olin A.	Laborer, at \$720.	90.00	
Sorenson, Ephraim.	Laborer, at \$35 per month.	44.91	
Swanson, Carl.	do.	44.91	
Total.		25,480.15	

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (grain investigations), \$64,830"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Umberger, Harry J. C.	Assistant agronomist, at \$1,600.	\$1,600.00	\$256.20
Blanchard, Henry F.	Assistant agronomist, at \$1,380.	805.00	
Farrell, Francis D.	Scientific assistant, at \$1,400.	466.66	411.95
Zook, L. L.	do.	1,143.33	701.89
Cory, Victor L.	Scientific assistant, at \$1,200.	200.00	339.00
Shelley, Wilson G.	Scientific assistant, at \$840 and \$1,200.	680.00	
Ross, Jno. F.	Farm superintendent, at \$1,400.	1,400.00	200.35
Potter, Alden A.	Expert, at \$1,200.	400.00	
Hoyo, George A.	Expert, at \$75 per month.	187.50	
Jenkins, J. Mitchell	Special agent, at \$1,440.	1,440.00	489.65
Adams, Ernest L.	Special agent, at \$1,200.	1,200.00	319.65
Champlin, Mauley	do.	1,200.00	90.34
Salmon, Cecil.	Special agent, at \$100 per month, and plant physiologist, at \$1,440.	980.00	
Burnett, Lyman C.	Special agent, at \$1,000.	1,000.00	
Alexander, Chas. L.	Special agent, at \$75 per month.	300.00	
Cardon, Philip V.	Special agent, at \$75 per month and \$1,200.	465.83	41.75
Kieselbach, T. A.	Special agent, at \$800.	800.00	
Babcock, Frank R.	Special agent, at \$60 per month, and assistant, at \$1,200.	440.00	
Humbert, Eug. P.	Special agent, at \$50 per month, and plant physiologist, at \$600.	600.00	
Clarke, Fred W.	Gardener, at \$1,200.	400.00	
Bull, Coates P.	Collaborator, at \$300.	300.00	
Clark, Charles H.	Collaborator, at \$25 per month.	200.00	
Freeman, Edw. M.	Collaborator, at \$300.	300.00	
Hecock, Dorcey N.	Collaborator, at \$25 per month.	100.00	
Nash, Clarence W.	do.	50.00	
Schmitz, Nickolas.	do.	250.00	51.89
Shaw, Geo. W.	do.	75.00	
Willis, Clifford	do.	300.00	
Atkinson, Alfred	Collaborator, at \$1 per month.	12.00	
Leldigh, Arthur H.	do.	12.00	
Montgomery, Edw. G.	do.	12.00	
Moore, Ransom A.	do.	12.00	
Snyder, Wm. P.	do.	12.00	
Cranford, Charles W.	Laborer, at \$60 per month.	168.00	118.56
Saunders, O. H.	do.	124.00	
Blake, S. L.	Laborer, at \$2 per diem.	16.00	
Denson, Bert.	do.	5.00	
Gilmore, C. E.	do.	11.00	
Gilmore, C. J.	do.	3.50	
Holland, B. B.	do.	22.00	
Hollingsworth, W. M.	do.	18.00	
Hurt, F. B.	do.	14.00	
Hutchins, Ed.	do.	5.00	
Turner, Z. C.	do.	17.00	
Stump, Jacob F.	Laborer, at \$50 per month.	600.00	
Hendricks, E. A.	Laborer, at \$1.75 per diem.	7.87	
Roberts, J. R.	do.	18.37	
Simmons, W. P.	do.	11.37	
Mabry, Robert.	Laborer, at \$1.25 per diem.	50.00	
Harlin, Chester.	Laborer, at \$1 per diem.	7.00	
Rothgeb, B. E.	Unskilled laborer, at \$50 per month.	385.00	125.66
Grain, Edward.	Unskilled laborer, at \$1.25 per diem.	113.88	
Oliver, C. N.	Unskilled laborer, at \$1 per diem.	99.00	
Total.		19,039.31	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (grain investigations), \$64,830"—  
 Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$45.96	Funk, Dean M.	\$15.00
Automatic Pencil Sharpener Co. (Inc.)	1.00	Giffin, Theodore.	4.25
Auto Pen & Ink Manufacturing Co.	.30	Godbey, T. K.	3.50
Ballantyne, R. Carter.	12.38	Gorham, Wm. H.	21.50
Bliss, Albrecht & Co.	39.85	Grain Dealers Co.	11.00
Contingent expenses, Department of		Griffin Grocery Co.	7.00
Agriculture.	267.49	Haas, Jos. S.	4.00
Hathaway, E. D.	3.50	Harper, Otto T.	21.00
Lamb & Tilden.	1.44	Hawley Bros.	2.25
Library Bureau.	124.80	Highstown Smyrna Rug Co.	3.21
Lincoln, Fred S.	22.00	Hogrefe Hardware Co.	123.50
Lindemeyer, Philip.	15.60	Home Grocery.	2.75
Morrison Paper Co., E.	1.50	Huffman, T. L.	6.00
Schmidt, Fred A.	26.28	Hulse, Edgar J.	18.00
Siebert & Trussell Manufacturing Co.	1.12	Jones, Eastin C.	9.00
Siebert, John F.	2.40	Joyce Engraving Co., Maurice	5.58
Stockett-Fiske Co.	12.00	Kaylor, M.	37.35
Swayze, W. L.	.63	Keasbey & Mattison Co.	46.85
Union Envelope Co.	.54	Kerr, J. B.	76.00
Valley Paper Co.	1.68	Keuffel & Esser Co.	8.80
Weaver Mailing Envelope & Box Co.	38.75	Kilgore, B. W.	16.00
Total.	624.09	King Hardware Co.	21.71
<i>Miscellaneous supplies, etc.</i>		Klugh, W. W.	50.00
Abrahamson, Frank.	5.25	Lambie Co., James B. (Inc.)	2.03
Ackimo Fuel & Supply Co.	16.00	Laughlin, Ella J.	21.00
Acme Window Cleaning Co.	1.30	Leidigh, A. H.	1.75
Amarillo Grain & Coal Co.	157.00	Longenbaugh, A. B.	9.37
Amarillo Hardware Co.	45.00	Louisiana State University.	18.00
Amarillo Sheet Metal Works.	2.40	Lyon, Merritt & Co.	77.83
Anderson, W. B.	7.43	McAyeal Hardware Co. (Ltd.)	23.58
Anderson Lumber Co.	10.11	McKinney & Vaughn.	8.50
Armour Fertilizer Works.	57.16	Mann & Co., P.	6.00
Avery & Sons, B. F. (Inc.)	57.15	Mathy Co.	14.40
Ball Supply Co.	2.65	May & Son, W. H.	16.80
Barber & Ross.	7.90	Minnesota Experiment Station.	15.00
Barry, L. A.	49.46	Monarch Typewriter Co.	85.00
Barteldes Seed Co.	24.84	Montgomery Lumber Co.	13.25
Belshee & Co., C. R.	242.53	Moore Push Pin Co.	4.32
Bemis, J. S.	31.51	Moro Hardware & Implement Co.	53.32
Best, Thos. W.	34.40	Morrow-Thomas Hardware Co.	373.69
Blow, J. A.	2.00	Muth & Co., Geo. F.	56.17
Bolgiano & Co., F. W.	6.25	Nelson, Jens.	13.75
Brentano's.	1.36	Newton, David.	8.25
Brush, Chas. J.	38.30	Northrup, King & Co.	5.00
Bryant's Son, Herbert.	16.50	Oliver, C. N.	208.75
Burton & Son, R. C. M.	20.00	Onderdonk, Gilbert.	15.00
Capital Paper Box Co.	14.40	Orvis, L. C.	13.00
Chase, I. H.	11.45	Panhandle Lumber Co.	16.25
Clarke Co., R. P.	1.50	Patch, A. H. (Inc.)	3.40
Clifton, W. R.	4.00	Powell, W. S.	32.00
Collier, W. Oscar.	11.25	Price, W. W.	14.20
Collins, J. Ross.	130.79	Randolph Paper Box Co.	48.00
Contingent expenses, Department of		Reilly, Hugh.	2.50
Agriculture.	315.46	Remington Typewriter Co.	3.50
Copeland Co., M. G.	95.00	Ridings, J. G.	17.25
Coughenour, Chester.	14.05	Riley, Marley.	3.00
Crowley Rice Milling Co.	26.72	Robinson Seed & Plant Co.	1.55
Cutler, Sumner.	12.75	Rockwell Bros.	3.50
Dennison Manufacturing Co.	16.90	Rolls, P. H.	10.00
Droper, J. S.	7.50	Roscoe Lumber Co.	12.50
Espey, John B.	15.16	Rudolph & West Co.	1.70
Etheridge, J. L.	111.18	Schmedtie Bros.	3.00
Evans, John J.	19.70	Schultz, G. Edward.	34.41
Fairbanks Co.	18.00	Shepperd, J. H.	10.08
Farquahar Co., A. B. (Inc.)	158.60	Shriver Co., B. F.	37.03
Faught, T. L.	1.00	Sibley, Hiram, estate of.	9.00
Faught Grocery Co.	7.30	Singleton, H. E.	7.00
Fay, Wm. J., superintendent.	16.00	Sloan, W. & J.	71.73
Ferguson, A. T.	5.00	Smiley-Gay Hardware Co.	11.50
Fritch & Son Co., Geo. T.	1.37	Smith & Bro. Typewriter Co.	242.00
		Smoot & Co., W. A. (Inc.)	26.43
		Sorensen, Ephraim.	35.00
		Spurck, Geo. Earl.	13.50



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (grain investigations), 64,830"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
Star Mill & Elevator Co.....	\$22.25	Adams Express Co.....	\$74.66
Swanson, Carl.....	35.00	Shaw, G. W.....	1.15
Sweet, Asa.....	6.30	United States Express Co.....	12.80
Texas Seed Breeding Farms.....	25.50	Total.....	88.61
Texas Seed & Floral Co.....	14.00		
Topham, James S.....	16.00	<i>Telegraph.</i>	
Trowbridge Hardware Co.....	9.25	Great Northern Ry. Co.....	1.52
Typewriter & Office Supply Co.....	10.90	Postal Telegraph-Cable Co.....	2.30
Underwood Typewriter Co.....	86.50	Western Union Telegraph Co.....	43.98
Vanmeter, J. M.....	12.00	Total.....	47.80
Voightlander & Lohn.....	2.98		
Wasco Warehouse Milling Co.....	36.00	<i>Telephone.</i>	
Washington Rubber Co.....	3.15	Chesapeake & Potomac Telephone Co.....	2.90
Watson, R. M.....	19.00	Panhandle Telegraph & Telephone Co.....	10.00
Weiser, S. J.....	9.75	Total.....	12.90
White, T. F.....	80.00		
Whyte, Warren M.....	20.00	<i>Apparatus, instruments, and labora-</i>	
Will & Co., Oscar H.....	24.00	<i>tory materials.</i>	
Williams, C. G.....	86.00	Baker, Reid S.....	4.95
Wilson, Ed.....	2.50	Bausch & Lomb Optical Co.....	17.38
Woods, W. H.....	16.25	Chatillon & Sons, John.....	11.75
Woodward & Lothrop.....	41.55	Eastman Kodak Co.....	175.40
Yakel, Henry.....	16.00	Gilman, Z. D.....	.60
Zon, Anna.....	19.60	Keuffel & Esser Co.....	2.13
Total.....	4,651.79	Leese, M. A.....	10.15
		Leny & Lossan.....	.60
<i>Furniture.</i>		Lewis, J. L.....	.45
Derby Desk Co.....	121.00	Lockwood Dental Co., W. A.....	1.00
Dinwoody Furniture Co., H.....	43.20	Mackall Bros.....	47.82
Eakle, O. M.....	16.50	Pullman, E. J.....	4.32
Kendrick Furniture Co.....	6.50	Schloer, F. H.....	45.00
Lansburgh Furniture & Carpet Co., J.....	9.31	Schmidt, Fred A.....	21.90
Library Bureau.....	76.06	Schneider Bros.....	5.67
Lincoln, Fred S.....	274.50	Sheetz, W. Silas.....	3.64
Moses & Sons, W. B.....	69.48	Shoemaker & Busch.....	1.62
Yawman & Erbe Mfg. Co.....	169.40	Stirratt, J. A.....	4.50
Total.....	785.95	Sussman Photo Stock Co., J.....	6.30
		Thomas Co., A. H.....	141.41
<i>Fuel.</i>		Torsion Balance Co.....	1.65
Hundley & Brooks.....	21.30	Voigtlander & Son Optical Works,	
Lawrence Bros. Co.....	16.50	A. G.....	163.75
Total.....	37.80	Whitall, Tatum Co.....	13.25
		Total.....	685.24
<i>Freight.</i>			
Baltimore & Ohio R. R.....	3.36	<i>Travel and station and field expenses.</i>	
Chicago, Burlington & Quincy Ry.....	1.93	Adams, Ernest L.....	319.65
Chicago & Northwestern Ry. Co.....	1.83	Babcock, F. R.....	181.36
Colorado Southern, New Orleans &		Ball, Carlton R.....	489.19
Pacific R. R.....	1.60	Blanchard, H. F.....	516.73
Great Northern Ry.....	1.97	Brown, Ernest B.....	934.09
Knox Express Co., Geo. W., The.....	13.45	Carden, P. N.....	41.75
Northern Pacific Ry. Co.....	20.58	Carleton, M. S.....	846.40
Oregon R. R. & Navigation Co.....	5.15	Chambliss, C. E.....	1,341.61
Pennsylvania R. R. Co.....	3.96	Champlin, Manley.....	90.34
Richmond, Fredericksburg & Poto-		Clarke, F. W.....	143.68
mac R. R.....	6.75	Cory, Victor L.....	339.00
San Pedro, Los Angeles & Salt Lake		Cranford, Chas. W.....	118.56
R. R. Co.....	2.53	Derr, H. B.....	156.75
Southern Ry. Co.....	21.36	Duvel, J. W. T.....	20.40
Washington Southern Ry.....	3.40	Farrell, F. D.....	407.40
Total.....	87.87	Hammerly, J. M.....	220.60

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (grain investigations), \$64,830."—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Hartley, C. P.....	\$431.82	Salmon, Cecil.....	\$164.58
Holland, J. D.....	13.85	Shelley, Wilson C.....	153.95
Jardine, W. M.....	863.33	Stephens, D. E.....	4.10
Jeffers, L. M.....	38.31	Straugh, M. N.....	40.60
Jenkins, J. Mitchell.....	462.80	Umberger, H. J. C.....	256.20
Johnson, Edw. C.....	575.90	Warburton, C. W.....	368.27
Kyle, C. H.....	908.53	Zook, L. L.....	701.89
Potter, A. A.....	384.83		
Ross, Jno. F.....	200.35	Total.....	11,862.48
Rothgeb, B. E.....	125.66		

Total amount of appropriation.....	\$64,830.00
Total expenditures under above groups.....	63,403.99
Unexpended balance on Aug. 31, 1910.....	1,426.01
Repayments to credit of appropriation.....	21.73
Net unexpended balance.....	1,447.74
Outstanding liabilities (estimated).....	1,313.68
Balance to be turned back in Treasury (estimated).....	134.06

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (tobacco investigations), \$23,130."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hinson, W. M.....	Technologist, at \$2,500.....	\$2,500.00	\$579.41
Mathewson, E. H.....	Technologist, at \$2,250.....	2,250.00	678.77
Rhodes, Joseph L.....	Assistant, at \$45 per month and \$55 per month.....	95.00	
Ferguson, Charles.....	Laborer, at \$600.....	74.99	
Total.....		4,919.99	
<i>Out of Washington.</i>			
Stewart, J. B.....	Tobacco expert, at \$2,000.....	1,249.99	
Olson, Otto.....	Tobacco expert, at \$1,200.....	1,200.00	299.66
Green, W. W.....	Crop technologist, at \$1,600.....	1,600.00	551.41
Harris, Geo. W.....	Crop technologist, at \$1,500.....	1,500.00	112.91
Woolsey, H. C.....	Special agent, at \$125 per month.....	1,500.00	601.10
Blohm, J. E.....	Special agent, at \$1,000.....	1,000.00	97.60
Cocke, R. P.....	do.....	1,000.00	192.76
Moss, E. G.....	Special agent, at \$900.....	225.00	254.26
Brown, D. E.....	Special field agent, at \$1,000.....	1,000.00	32.88
Anderson, B. G.....	Collaborator, at \$300.....	300.00	53.50
East, Edw. M.....	Collaborator, at \$25 per month.....	300.00	
Hibshman, Edw. K.....	do.....	100.00	116.91
Houser, True.....	do.....	91.67	
Total.....		11,066.66	

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (tobacco investigations), \$23,180"—Con.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Express.</i>	
Ballantyne, R. Carter.....	\$1.88	Adams Express Co.....	\$29.78
Chicago Binder & File Co.....	10.80	United States Express Co.....	8.08
Contingent expenses, Department of Agriculture.....	58.61	Total.....	37.86
Lamb & Tilden.....	2.90	<i>Telegraph.</i>	
Morrison Paper Co., E.....	3.97	Western Union Telegraph Co.....	1.83
Pen-Carbon Manifold Co.....	4.50	<i>Telephone.</i>	
Stott & Co., Charles G.....	9.45	Chesapeake & Potomac Telephone Co., The.....	.20
Valley Paper Co.....	3.24	<i>Apparatus, instruments, and laboratory material.</i>	
Total.....	95.35	Eastman Kodak Co.....	18.14
<i>Miscellaneous supplies, etc.</i>		Isyard-Warren Co.....	.48
Baker, John P.....	3.00	Mackall Bros.....	27.41
Bromell & Sons, J. E.....	.35	Pullman, E. J.....	5.00
Contingent expenses, Department of Agriculture.....	11.17	Schmidt, Fred A.....	121.50
Fisher, J. Henry.....	8.00	Thomas Co., A. H.....	19.10
Giddings, Burt L.....	15.60	Total.....	191.63
Jenks & Son, W. S.....	5.70	<i>Travel and station and field expenses.</i>	
Kann Sons & Co., S.....	3.38	Anderson, B. G.....	53.50
Murphy Co., E. J. (Inc.).....	.56	Blohm, J. E.....	97.60
Nicholson, M. J.....	8.00	Brown, D. E.....	32.88
Rand, McNally & Co.....	6.75	Cocke, R. P.....	192.76
Remington Typewriter Co.....	.50	Garner, W. W.....	115.91
Underwood Typewriter Co.....	.80	Green, W. W.....	551.41
Upton, J. W.....	25.00	Harris, Geo. W.....	112.91
Woodward & Lothrop.....	10.31	Hibshman, E. K.....	116.91
Total.....	99.12	Hinson, W. M.....	579.41
<i>Furniture.</i>		Lunn, W. M.....	87.83
Library Bureau.....	1.50	Mathewson, E. H.....	678.77
Lincoln, Fred. S.....	.50	Moss, Eugene G.....	249.16
Yawman & Erbe Manufacturing Co.....	3.75	Norton, J. B.....	2.40
Total.....	5.75	Olson, Otto.....	299.66
<i>Freight.</i>		Selby, A. D.....	41.75
Cincinnati Northern Railroad.....	1.10	Woosley, H. C.....	601.10
Knox Express Co., Geo. W., The.....	.72	Total.....	3,811.57
Washington-Southern Ry. Co.....	12.12		
Total.....	13.94		

Total amount of appropriation.....	\$23,180.00
Total expenditures under above groups.....	20,243.90
Unexpended balance on Aug. 31, 1910.....	2,936.10
Outstanding liabilities (estimated).....	116.08
Balance to be turned back in Treasury (estimated).....	2,820.02



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton breeding), \$16,730." (Original subappropriation of \$18,130, decreased by transfer of \$1,400 to drug and other plants.)

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Lewton, Frederick L.....	Assistant botanist, at \$2,000.....	\$333.34	
Ewing, Early C.....	Assistant, at \$1,020.....	765.00	\$536.73
Shoemaker, D. N.....	Expert, at \$2,000.....	1,666.66	430.52
Total.....		2,765.00	
<i>Out of Washington.</i>			
Bain, Samuel M.....	Expert, at \$200 per month, and collaborator, at \$1 per month.	2,002.00	270.43
Saunders, D. A.....	Special field agent, at \$1,800.....	1,800.00	664.43
Boykin, E. B.....	Special agent, at \$1,600.....	1,599.97	244.83
Kinsler, John H.....	Special agent, at \$125 per month.....	1,500.00	1,511.10
Anders, Albert T.....	Special agent, at \$960.....	960.00	317.34
Grayson, J. R.....	Collaborating clerk, at \$10 per month.....	85.00	
Fugett, Ulysses.....	Laborer, at 75 cents per diem.....	71.25	
Total.....		8,018.22	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Contingent expenses, Department of Agriculture.....	\$50.46	Oldham, Frank.....	\$14.50
Hill-Kellner-Frost Co.....	4.75	O'Neill, John W.....	20.00
Schmidt, Fred A.....	.38	Pipkin, James, jr.....	30.00
Woulfe & Co.....	2.95	Poole & Kirwin.....	5.75
Total.....	58.54	Provident Building Association.....	5.00
<i>Miscellaneous supplies, etc.</i>		Quay, S. J.....	20.00
Ball & Socket Manufacturing Co.....	5.00	Reifsenneider & Munz, C. H.....	12.50
Bedell Manufacturing Co.....	2.77	Remington Typewriter Co.....	1.60
Bolgiano & Co., F. W.....	3.95	Rogers, E. M.....	288.00
Burnett, O. B.....	1.50	Spears, M. J.....	54.00
Burns, Louis.....	37.00	Thorburn & Co., J. M.....	8.90
Chaplin, R. J.....	13.50	Waco City Water Works.....	5.90
Contingent expenses, Department of Agriculture.....	1.99	Waco Livery Co.....	77.50
Davis, W. W.....	9.00	Wasson, S.....	9.40
Du Bose, R. L.....	30.00	Watson, J. F.....	19.00
Ford, B. S.....	2.50	Williams, G. R.....	8.60
Ford, W. S.....	1,040.51	Woodward & Lothrop.....	1.76
Gorham, John.....	75.00	Total.....	2,314.86
Grayson, J. R.....	8.00	<i>Furniture.</i>	
Hall, W. E.....	15.00	Lansburgh Furniture & Carpet Co.,	
Hunt, Sam F.....	19.63	Julius.....	5.61
Jackson, J. E.....	55.00	Lincoln, Fred, S.....	3.40
Jackson & Co., S. B.....	35.00	Yawman & Erbe Manufacturing Co....	34.75
Jefferies, W. L.....	37.50	Total.....	43.76
Kimborough, J. D.....	60.00	<i>Freight.</i>	
King, B. K.....	5.00	Knox Express Co., Geo. W., The.....	.25
Lawson & Co., W. C.....	56.40	<i>Express.</i>	
McKerall, Wm.....	18.41	Adams Express Co.....	31.97
McLendon, P. B.....	36.00	United States Express Co.....	.75
McLendon Hardware Co.....	36.30	Total.....	32.72
McMillin, Lee B.....	75.00		
Marshall Fertilizer Factory.....	30.00		
Mohan, J.....	37.48		
Munson Belting Co., Charles.....	4.52		
Murphy Co., E. J. (Inc.).....	.07		

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (cotton breeding), \$16,730"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Postal Telegraph-Cable Co.....	\$0.20	Bausch & Lomb Optical Co.....	\$40.55
Western Union Telegraph Co.....	11.50	Eastman Kodak Co.....	41.01
Total.....	11.70	Gilman, Z. D.....	2.14
<i>Telephone.</i>		Green, Henry J.....	3.69
Home Telephone Co. of Waco.....	10.00	Kuhlman Co., W. D.....	7.20
Southwestern Telephone & Telegraph Co.....	44.95	Kuhlman & Chambliss Co.....	13.50
Texas Telephone Co.....	12.00	Leeds & Northrup Co.....	42.70
Total.....	66.95	Lenz & Lossau.....	5.30
<i>Rent.</i>		Shoemaker & Busch.....	.29
Halbert, O. I.....	232.00	Total.....	156.38
Spears, Henry.....	36.00	<i>Travel and station and field expenses.</i>	
Total.....	268.00	Anders, A. T.....	317.34
<i>Gas and electricity.</i>		Bain, S. M.....	270.43
Knoxville Railway & Light Co.....	17.65	Boykin, E. B.....	244.83
Waco Gas Co.....	52.50	Ewing, E. C.....	230.85
Total.....	70.15	Lawton, F. L.....	165.98
		Meade, Rowland M.....	79.10
		Saunders, D. A.....	600.41
		Shoemaker, D. N.....	381.29
		Total.....	2,350.23

Total amount of appropriation.....	\$16,730.00
Total expenditures under above groups.....	16,156.76
Unexpended balance on Aug. 31, 1910.....	573.24
Repayments to credit of appropriation.....	.70
Net unexpended balance.....	573.94
Outstanding liabilities (estimated).....	417.70
Balance to be turned back in Treasury (estimated).....	156.24

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (general plant breeding), \$14,840."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington</i>			
Shamel, Archibald D.....	Physiologist, at \$2,750.....	\$2,291.66	\$1,367.03
Norton, J. B.....	Physiologist, at \$1,800.....	1,800.00	273.59
Piper, C. V.....	Agrostologist, at \$2,750.....	229.17	806.38
Oliver, C. W.....	Expert, at \$2,000.....	1,000.00	37.70
Allard, H. A.....	Assistant, at \$1,200.....	1,200.00	258.05
Evans, M. W.....	Assistant, at \$1,080.....	135.00	463.18
Lothrop, Etta T.....	Clerk, at \$75 per month.....	187.50	
Roy, Helen B.....	Clerk, at \$600.....	600.00	
Bias, T. J.....	Laborer, at \$660.....	660.00	
Wallace, Annie E.....	Charwoman, at \$480.....	480.00	
Total.....		8,583.33	

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (general plant breeding), \$14,840"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Shamel, Archibald D.....	Physiologist, at \$2,750.....	\$458.34	
Evans, M. W.....	Assistant, at \$1,060.....	180.00	
Tiffany, Guy U.....	Special agent, at \$65 per month.....	45.50	
Thompson, C. E.....	Agent, at \$65 per month.....	43.33	
Prescott, Charles W.....	Collaborator, at \$25 per month.....	300.00	
Total.....		1,027.17	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Andrews Paper Co., R. P.....	\$35.10	Lincoln, Fred. S.....	\$38.00
Ballantyne, R. Carter.....	29.40	Moses & Sons, W. B.....	40.03
Contingent expenses, Department of Agriculture.....	34.06	Yawman & Erbe Manufacturing Co.....	38.95
Eagle Pencil Co.....	1.68	Total.....	116.98
Kalamazoo Loose Leaf Binder Co.....	7.10		
Library Bureau.....	2.50	<i>Freight.</i>	
Morrison Paper Co., E.....	1.60	Knox Express Co., Geo. W., The.....	1.09
National Carbon Co.....	6.15		
United States Envelope Co.....	32.70	<i>Express.</i>	
Total.....	150.29	Adams Express Co.....	11.11
<i>Miscellaneous supplies, etc.</i>		United States Express Co.....	1.30
Barber & Ross.....	22.23	Total.....	12.41
Berckmans Co., P. J.....	5.00	<i>Apparatus, instruments, and laboratory material.</i>	
Bigelow, F.....	3.50	Bausch & Lomb Optical Co.....	85.14
Blanton, J. B.....	8.00	Eastman Kodak Co.....	15.25
Blum Bros.....	.49	Leese, M. A.....	7.14
Bolzano & Co., F. W.....	15.00	Pullman, E. J.....	25.50
Buckley, John W.....	3.39	Sheetz, W. Silas.....	94.25
Contingent expenses, Department of Agriculture.....	4.88	Spencer Lens Co.....	6.43
Cummings, E. L.....	11.50	Total.....	233.71
Dulin & Martin (Inc.).....	.50	<i>Travel and station and field expenses.</i>	
Keeney, A. W.....	10.00	Allard, H. A.....	253.05
Murray Drug Co.....	21.28	Evans, M. W.....	92.90
Muth & Co., Geo. F.....	5.80	Norton, J. B.....	271.19
Nawrath, J. P.....	1.49	Oreunt, A. S.....	9.00
Parsons, W. E.....	5.00	Piper, C. V.....	20.00
Prescott, Chas. W.....	475.51	Shamel, A. D.....	758.44
Remington Typewriter Co.....	15.40	Total.....	1,404.58
Robbins & Meyers Co.....	11.30		
Schmid, Edw. S.....	20.00		
Thompson Co., J. N.....	35.00		
Topham, James S.....	2.75		
Townsend Farms.....	80.81		
Woodward & Lothrop.....	36.00		
Total.....	794.83		

Total amount of appropriation.....	\$14,840.00
Total expenditures under above groups.....	12,324.39
Unexpended balance on Aug. 31, 1910.....	2,515.61
Outstanding liabilities (estimated).....	358.50
Balance to be turned back in Treasury (estimated).....	2,157.11



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (paper-plant investigations), \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cobb, N. A.	Technologist, at \$3,000.	\$2,233.33	
Chambers, W. E.	Expert, at \$2,400.	900.00	
Barghausen, John F.	Mechanician, at \$1,100.	366.66	
Edmundson, L. W.	Collaborator, at \$3 per diem.	43.50	\$114.91
Fields, Ovid.	do.	54.00	156.90
Hancock, J. T.	do.	60.00	158.72
Matheny, J. E.	do.	30.00	14.00
Hook, W. A.	Collaborator, at \$2.50 per diem.	45.47	97.01
Murphy, I. C.	do.	19.37	49.22
O'Hair, H. Z.	Collaborator, at \$2 per diem.	13.00	65.75
Muncey, Eliot M.	Aid, at \$600.	600.00	35.69
Schmitt, Hugo R.	do.	225.00	
Gage, Charles E.	Clerk, at \$1,200.	450.00	
Total.		5,040.33	
<i>Out of Washington.</i>			
Edmundson, L. W.	Collaborator, at \$3 per diem.	18.00	
Fields, Ovid.	do.	33.00	
Total.		51.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Andrews Paper Co., R. P.	\$0.50	Derby Desk Co.	\$72.00
Contingent expenses, Department of Agriculture.	44.33	Gimbel, Ellis A.	20.77
Deuscher Co., H. P.	9.98	Yawman & Erbe Manufacturing Co.	17.81
Schmidt, Fred A.	2.24	Total.	110.58
Total.	57.05	<i>Freight.</i>	
<i>Miscellaneous supplies, etc.</i>		Boston & Maine R. R.	1.54
Blum Bros.	.07	Chesapeake & Ohio Ry.	9.82
Contingent expenses, Department of Agriculture.	21.27	Knox Express Co., Geo. W., The.	5.87
Espey, John B.	.90	Maine Central Ry.	69.34
Fields, Ovid.	63.00	Roosa, I. P.	12.67
Fowler Co., C. L.	29.50	Southern Ry.	1.43
Harrington & King Perforation Co.	23.28	Total.	100.67
Hook, W. A.	3.00	<i>Express.</i>	
Hulse, Edgar J.	4.50	Adams Express Co.	\$51.91
International Harvester Co.	19.96	United States Express Co.	34.46
Lockwood Trade Journal Co.	3.00	Total.	86.37
Lowdermilk Co., W. H.	4.00	<i>Telegraph.</i>	
National Electrical Supply Co.	7.38	Western Union Telegraph Co.	2.46
Southern Fiber Co.	35.80	<i>Telephone.</i>	
Standard Engineering Co.	126.00	Chesapeake & Potomac Telephone Co.	7.09
Union Screen Plate Co.	4.80		
Warren & Co., S. D.	1,165.00		
Wight, H. E.	13.70		
Woodward & Lothrop.	6.80		
Total.	1,497.31		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (paper-plant investigations), \$10,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Travel and station and field expenses.</i>	
Bausch & Lomb Optical Co.....	\$140. 48	Brand, Charles J.....	\$396. 00
Elmer & Amend.....	416. 00	Cobb, N. A.....	74. 32
Gilman, Z. D.....	. 35	Edmundson, Lewis W.....	114. 91
Leese, M. A.....	8. 74	Fields, Ovid.....	156. 90
Mackall Bros.....	. 30	Hancock, J. T.....	158. 72
Pullman, E. J.....	3. 84	Hook, W. A.....	97. 01
Schmidt, Fred A.....	3. 78	Matheny, J. E.....	14. 00
Spencer Lens Co.....	4. 50	Muncey, Elliot M.....	35. 69
Swift & Son, James.....	128. 35	Murphy, I. C.....	49. 22
		O'Hair, H. Z.....	65. 75
		Sherwood, Geo. R.....	123. 97
Total.....	706. 34	Total.....	1, 286. 49

Total amount of appropriation.....\$10,000. 00  
Total expenditures under above groups.....8,945. 69

Unexpended balance on Aug. 31, 1910.....1,054. 31  
Outstanding liabilities (estimated).....450. 80

Balance to be turned back in Treasury (estimated).....603. 51

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (alkali and drought-resistant plants), \$17,550."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Kearney, T. H.....	Physiologist, at \$2,500.....	\$2,500. 00	\$919. 80
Shantz, H. L.....	Expert, at \$1,800, and plant physiologist, at \$1,980.....	1,087. 50	707. 74
Dillman, A. C.....	Expert, at \$1,000, and assistant plant physiologist, at \$1,440.....	435. 00	230. 78
McLachlan, Argyle.....	Special agent, at \$150 per month.....	900. 00	
Meade, Rowland M.....	Scientific assistant in bionomic investigations.....	75. 00	
Bullen, Robert.....	Student assistant, at \$300.....	191. 67	
McLennan, Robert.....	Gardener, at \$1,200.....	100. 00	57. 00
Bitter, Harry.....	Greenhouse assistant, at \$25 per month.....	50. 00	
Peter, Olan McG.....	Messenger boy, at \$360.....	178. 00	
Callahan, Thomas F.....	Skilled laborer, at \$840.....	210. 00	
Bolden, Frank L.....	Skilled laborer, at \$600.....	150. 00	
Parker, J. T.....	Laborer, at \$55 per month.....	165. 00	
Swan, Sidney.....	do.....	165. 00	
Robinson, C.....	Laborer, at \$2 per diem.....	206. 00	
Montgomery, J. P.....	Laborer, at \$50 per month.....	150. 00	
Boston, Ernest.....	Laborer, at \$1.75 per diem.....	134. 75	
Countee, Thomas L.....	Laborer, at \$1.50 per diem.....	117. 00	
Williams, Emanuel.....	do.....	135. 00	
Total.....		6,949. 92	
<i>Out of Washington.</i>			
Shantz, H. L.....	Expert, at \$1,800, and plant physiologist, at \$1,980.....	705. 00	
Childers, L. F.....	Expert, at \$100 per month.....	236. 67	45. 04
Dillman, A. C.....	Expert, at \$1,000.....	693. 33	
Flannery, William L.....	Assistant in arboriculture, at \$1,200.....	300. 00	
Hudson, Estmer W.....	Assistant in arboriculture, at \$900.....	150. 00	
Kidder, Albert F.....	Special agent, at \$100 per month.....	100. 00	20. 95
Gramlich, Ralph.....	Special agent, at \$75 per month.....	125. 00	
Mattice, Norman L.....	Laborer, at \$60 per month.....	210. 00	
Smith, Amos K.....	do.....	120. 00	
Patterson, C. O.....	Laborer, at \$50 per month.....	100. 00	
Lyon, W. B.....	Unskilled laborer, at \$60 per month.....	180. 00	
Ulrich, Fritz.....	Unskilled laborer, at \$50 per month.....	600. 00	
Total.....		3,580. 00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (alkali and drought-resistant plants), \$17,550"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$83.20	Stewart, T. B.	\$38.00
Ballantyne, R. Carter	1.88	Taylor, L. C.	21.00
Contingent expenses, Department of Agriculture	36.20	Truckalena, Juan	45.00
District of Columbia Paper Manufacturing Co.	4.50	Underwood Typewriter Co.	82.50
Schmidt, Fred A.	.75	U. S. Frame & Picture Co.	2.85
Swayze, W. L.	3.42	Woodward & Lothrop	71.38
		Yeamans, C. N.	73.13
		Young, J. R.	15.00
Total	49.95	Total	2,580.63
<i>Miscellaneous supplies, etc.</i>		<i>Furniture.</i>	
Adams Co., E. B.	3.12	Derby Desk Co.	21.00
Alberene Stone Co.	35.00	Gimbel, Ellis A.	5.92
American Can Co.	4.20	Lincoln, Fred S.	18.30
American Screen & Furniture Co.	120.25	Yawman & Erbe Manufacturing Co.	434.15
Baker, E.	96.00	Total	479.37
Bancroft, L. M.	35.40	<i>Freight.</i>	
Barber & Ross	1.20	Blue Line Transfer Co.	.38
Becker's Leather Goods Co.	9.50	Knox Express Co., The Geo. W.	.81
Bedell Manufacturing Co.	.80	Total	1.19
Bernstein Manufacturing Co.	16.50	<i>Express.</i>	
Berryman, Maude R.	20.00	Adams Express Co.	66.84
Brentano's	4.88	United States Express Co.	6.16
Clark, F. G.	48.00	Total	73.00
Clarke Co., R. P.	5.00	<i>Telegraph.</i>	
Contingent expenses, Department of Agriculture	45.11	Postal Telegraph-Cable Co.	.50
Copeland Co., M. G.	2.70	Western Union Telegraph Co.	15.21
Dakota Improved Seed Co.	7.80	Total	15.71
Derryberry & Forbes	22.50	<i>Apparatus, instruments, and laboratory material.</i>	
Dole, John F.	10.20	Baker, Reid S.	113.70
Eccles, J. C.	11.00	Denver Fire Clay Co.	24.25
Espey, John B.	.27	Eastman Kodak Co.	23.40
Fancher Creek Nurseries (Inc.)	16.20	Eimer & Amend	26.35
Fosset, Olen	40.00	Gaertner & Co., Wm.	24.00
Franklin Co.	35.74	Mackall Bros.	27.31
Harris & Co., R.	3.50	Schloer, Frank H.	85.00
Hartig, Louis	.30	Sheetz, W. Silas	4.90
Hawley, King & Co.	105.00	Sussman Photo Stock Co., J.	2.70
Hayland, John	105.00	Thomas Co., A. H.	157.88
Heiserman & Son, J. F.	29.25	Weeks, F. H.	9.25
Hiskey, G. B.	44.00	Total	498.74
Hodge, Mrs. A. L.	6.50	<i>Travel and station and field expenses.</i>	
Holm, Theo.	71.50	Childers, L. F.	45.04
Humphreys, H. B.	42.00	Cook, O. F.	311.90
Jacobson, James	15.00	Dillman, A. C.	230.78
Jordan, W. J.	15.00	Flanery, Wm. L.	29.20
Lambie Co., Jas. B. (Inc.)	69.30	Hudson, E. W.	55.71
Lavender & Co., C. H.	64.40	Kearney, T. H.	919.80
Lutz & Co.	30.00	Kidder, A. F.	20.95
McAloon, T.	5.50	Peterson, W. A.	271.30
Malone, E. G.	20.00	Shantz, H. L.	707.74
Mathy Co.	9.60	Total	2,592.42
Mintener Lumber Co., Peter	8.20		
Mitchell, A.	20.00		
Moore, S. E.	22.00		
Moyer, J. M.	15.00		
Murray, Geo.	20.00		
Muth & Co., Geo. F.	41.85		
Neisser, Otto	115.00		
North Platte Lumber Co.	17.50		
Partridge, G. E.	9.80		
Randolph Paper Box Co.	12.25		
Retts, Chas. M.	92.00		
Rudolph & West Co.	.38		
Scherer Co., John, jr.	615.57		
Schunter, C. H.	15.00		

Total amount of appropriation.....\$17,550.00  
 Total expenditures under above groups.....16,820.93

Unexpended balance on Aug. 31, 1910.....729.07  
 Repayments to credit of appropriation.....24.93

Net unexpended balance.....754.00  
 Outstanding liabilities (estimated).....419.11

Balance to be turned back in Treasury (estimated).....\$34.89



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (sugar-plant investigations), \$24,300."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Townsend, C. O.....	Pathologist, at \$2,750.....	\$1,489.58	\$1,606.23
Orton, W. A.....	Pathologist, at \$2,250.....	562.50	
Edson, Howard A.....	Physiologist, at \$200 per month.....	200.00	
Shaw, Harry B.....	Scientific assistant, at \$1,400 and \$1,560, and assistant pathologist in sugar-plant investigations, at \$1,560.....	733.33	1,059.69
Rittue, E. C.....	Assistant, at \$1,400 and \$1,560.....	1,459.99	1,205.62
Brown, Nellie A.....	Assistant, at \$1,380.....	1,370.41	
Jamieson, Clara O.....	Assistant, at \$1,200.....	1,200.00	
McLennan, Robert.....	Gardener, at \$1,200.....	850.00	
Adams, James M. R.....	Aid, at \$50 per month and \$720.....	535.00	154.15
Adams, Lola M.....	Laborer, at \$720, and clerk, at \$720.....	720.00	
Garner, S. L.....	Charwoman, at \$480.....	300.00	
Total.....		9,420.81	
<i>Out of Washington.</i>			
Townsend, Charles O.....	Pathologist, at \$2,750, and pathologist and collaborator, at \$25 per month.....	137.50	
Shaw, Harry B.....	Scientific assistant, at \$1,400, and assistant pathologist in sugar-plant investigations, at \$1,560.....	726.66	
Burns, Wm. H.....	Assistant, at \$50 per month, and collaborator, at \$1 per month.....	453.00	1,154.00
Saylor, Chas. F.....	Special agent, at \$225 per month.....	2,700.00	1,440.98
Adams, James M. R.....	Aid, at \$720.....	120.00	
Churchill, Geo. W.....	Collaborator, at \$200.....	166.65	
Middleton, J. W.....	Unskilled laborer, at \$50 per month and \$60 per month.....	450.00	
Total.....		4,753.81	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.....	\$26.85	Garner, Esabella.....	\$1.20
Atlas School Supply Co.....	1.05	Giehner, Fred S.....	15.00
Ballantyne, R. Carter.....	4.40	International Harvester Co. of America.....	11.65
Contingent expenses, Department of Agriculture.....	21.08	Kahlert & Co., Albert.....	.24
Cook, M. S.....	4.25	Kann Sons & Co., S.....	14.36
Library Bureau.....	5.00	Lansburgh & Bro.....	6.65
Lincoln, Fred S.....	36.35	Lewis Manufacturing Co.....	1.04
Schmidt, Fred A.....	9.90	Mattingley, J. D.....	39.83
Silbert, John F.....	1.25	Muth & Co., Geo. F.....	25.56
Total.....	110.13	Nixon-Kimmel Co.....	12.42
<i>Miscellaneous supplies, etc.</i>		Perry, E. O.....	1.00
Barber & Ross.....	5.85	Pesh, Peter H.....	16.00
Betz, Ernest.....	2.25	Reilly, Hugh.....	2.69
Bolgiano & Co., F. W.....	.15	Remington Typewriter Co.....	1.60
Brentano's.....	3.45	Rudolph & West Co.....	3.58
Burdine, C. C.....	8.00	Schmid, Edw. S.....	39.50
Burke & James.....	4.00	Thorburn & Co., J. M.....	1.90
Chamberlin Metal Weather Strip Co.....	17.68	Topham, James S.....	34.50
Clarke Co., R. P.....	.80	Underwood Typewriter Co.....	.50
Contingent expenses, Department of Agriculture.....	213.14	Utah-Idaho Sugar Co.....	47.21
Copeland Co., M. G.....	2.79	Walton, Frank L.....	207.19
Dubin & Martin Co.....	2.70	Walton, Geo. B.....	85.00
Du Vivier, Ernest H.....	47.48	Whyte, Warren M.....	45.00
Espey, John B.....	.67	Wiegand, Martin.....	24.60
Ferry & Co., D. M.....	.22	Woodward & Lothrop.....	1.15
		Total.....	948.05

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation General Expenses, Bureau of Plant Industry, 1910 (sugar-plant investigations) \$24,300—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Library Bureau.....	\$22.90	Gilman, Z. D.....	\$35.15
Lincoln, Fred S.....	218.30	Green, Henry J.....	54.00
Total.....	241.20	Iszard-Warren Co. (Inc.).....	.96
<i>Freight.</i>		Jenks & Son, W. L.....	11.40
Atchison, Topeka & Santa Fe R. R....	12.72	Jones & Co., G. W.....	25.98
Knox Express Co., The Geo. W.....	.25	Leese, M. A.....	2.24
Total.....	12.97	Levy & Lossan.....	2.00
<i>Express.</i>		Mackall Bros.....	55.70
Adams Express Co.....	17.03	Merck & Co.....	4.51
United States Express Co.....	15.22	Pullman, E. J.....	11.49
Wells, Fargo & Co. express.....	11.90	Salt Lake Photo Supply Co.....	19.60
Total.....	44.15	Sargent & Co., E. H.....	6.00
<i>Telegraph.</i>		Schloer, Frank A.....	45.00
Western Union Telegraph Co.....	15.38	Schmidt, Fred A.....	8.50
<i>Apparatus, instruments, and laboratory material.</i>		Schneider Bros.....	3.30
Bausch & Lomb Optical Co.....	115.09	Shoemaker & Busch.....	17.61
Burke & James.....	2.21	Thomas Co., A. H.....	44.50
Columbia Photo Supply Co.....	4.10	Whitall, Tatum Co.....	23.85
Denver Fire Clay Co.....	14.40	Total.....	593.79
Eastman Kodak Co.....	44.21	<i>Travel and station and field expenses.</i>	
Elmer & Amend.....	7.10	Adams, James M. R.....	154.15
Flemer, Lewis.....	5.14	Bisset, David.....	2.70
Friez, Julian P.....	29.75	Burns, W. H.....	1,154.00
		Orton, W. A.....	24.50
		Reed, Joseph F.....	335.15
		Rittue, E. C.....	1,205.62
		Saylor, Chas. F.....	1,440.98
		Shaw, H. B.....	1,059.09
		Townsend, C. O.....	1,606.23
		Total.....	6,982.42

Total amount of appropriation..... \$24,300.00  
 Total expenditures under above group..... 23,122.71

Unexpended balance on Aug. 31, 1910..... 1,177.29  
 Outstanding liabilities (estimated)..... 675.66

Balance to be turned back into Treasury (estimated)..... 501.63

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Taxonomic and Range Investigations) \$18,250."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Coville, Frederick V.....	Botanist, at \$3,240.....	\$3,240.00	\$174.30
Wight, W. F.....	Botanist, at \$1,980.....	990.00	
Hitchcock, A. S.....	Agrostologist, at \$2,500.....	2,500.00	445.75
Wheeler, C. F.....	Expert, at \$2,000.....	166.66	
Safford, W. E.....	Assistant, at \$1,800.....	1,800.00	
Ricker, P. L.....	Assistant, at \$1,600.....	1,620.00	361.24
Chase, Agnes.....	Assistant, at \$1,200 and \$1,380.....	1,282.00	308.07
Hitchcock, Frank H.....	Collaborator, at \$25 per month.....	13.33	31.20
Goodloe, Lucille.....	Aid, at \$720.....	720.00	
Schmitt, Waldo L.....	do.....	462.00	
Robinson, Mary.....	Artist, at \$900.....	247.50	
Campbell, Susan T.....	Clerk, at \$600.....	250.00	
Walter, Olin A.....	Laborer, at \$720.....	90.00	
Total.....		\$13,381.49	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Taxonomic and range investigations) \$18,250."—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
American Writing Paper Co.....	\$26.04	Derby Desk Co.....	\$42.00
Andrews Paper Co., R. P.....	12.87	Gimbel, Ellis A.....	2.68
Ballantyne, R. Carter.....	5.63	Gregory & Depue Co.....	244.54
Columbia Ribbon & Carbon Manu- facturing Co.....	1.88	Hoeke, Wm. H.....	21.35
Contingent expenses, Department of Agriculture.....	77.43	Lansburgh Furniture & Carpet Co., Julius.....	12.20
Lamb & Tilden.....	2.85	Lincoln, Fred S.....	16.75
Library Bureau.....	60.45	Moses & Sons, W. B.....	6.00
Pitcher, E. H.....	3.35	Woodruff Manufacturing Co.....	239.70
Schmidt, Fred A.....	1.02	Yawman & Erbe Manufacturing Co.....	165.45
Swayze, W. L.....	2.63	Total.....	750.67
Torrey Botanical Club.....	10.25		
Union Envelope Co.....	13.92	<i>Express.</i>	
Valley Paper Co.....	13.20	Adams Express Co.....	21.39
Total.....	231.52	United States Express Co.....	16.85
		Total.....	38.24
<i>Miscellaneous supplies, etc.</i>		<i>Telegraph.</i>	
Abercrombie & Fitch Co.....	41.70	Postal Telegraph-Cable Co.....	.40
Baker, C. F.....	15.63	Western Union Telegraph Co.....	5.90
Barber & Ross.....	5.00	Total.....	6.30
Bauer & Black.....	8.00		
Bedell Manufacturing Co.....	2.19	<i>Telephone.</i>	
Bolton, Th.....	40.00	Chesapeake & Potomac Telephone Co.....	6.10
Clarke Co., R. P.....	.65	<i>Apparatus, instruments, and laboratory material.</i>	
Contingent expenses, Department of Agriculture.....	43.52	Bausch & Lomb Optical Co.....	38.44
Corr, P. M.....	8.55	Eastman Kodak Co.....	39.10
Crayton, F. M.....	12.00	Friez, Julian P.....	100.00
Hayes, Chris.....	6.50	Gilman, Z. D.....	64.48
Hiser, Daniel.....	50.00	Leese, M. A.....	18.07
Holt, Henry J.....	2.50	Mackall Bros.....	2.02
Hughes, Mrs. Peter.....	60.00	Sheetz, W. Silas.....	2.50
International Bureau of American Republics.....	1.50	Whitall, Tatum Co.....	28.23
Library of Congress.....	49.43	Total.....	292.84
Lindemeyr & Sons, Henry.....	12.80		
Lindsay Rubber Manufacturing Co.....	5.50	<i>Travel and station and field expenses.</i>	
Merrill, Rose V.....	80.00	Chase, Agnes.....	308.07
Monarch Typewriter Co.....	11.96	Coville, Frederick V.....	174.30
Muth & Co., Geo. F.....	.49	Hitchcock, A. S.....	445.78
National Electrical Supply Co.....	8.18	Hitchcock, Frank H.....	31.20
Rand, McNally & Co.....	2.25	Ricker, P. L.....	361.24
Randolph Paper Box Co.....	108.75	Tidestrom, Ivar.....	18.30
Remington Typewriter Co.....	15.02	Wight, W. F.....	765.68
Robbins & Myers Co.....	11.50	Total.....	2,104.57
Robinson, Anna.....	40.00		
Schmid, Edw. S.....	2.50		
Seabury & Johnson.....	27.00		
Seymour, A. B.....	3.10		
Smith Premier Typewriter Co.....	9.00		
Thompson, P. B.....	3.00		
Topham, Jas. S.....	11.50		
Woodward & Lothrop.....	24.02		
Total.....	724.04		

Total amount of appropriation.....\$18,250.00

Total expenditures under above groups.....17,535.77

Unexpended balance on Aug. 31, 1910.....714.23

Outstanding liabilities (estimated).....338.05

Balance to be turned back in Treasury (estimated).....376.18



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farm management), \$132,270." Original subappropriation of \$133,000 decreased by transfer of \$200 to seed-testing laboratories and \$530 to Arlington farm and horticulture.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Spillman, W. J.	Agriculturist, at \$3,500.	\$2,041.66	\$1,065.06
Griffiths, David	Agriculturist, at \$2,250.	1,787.50	1,027.22
Brodie, D. A.	Agriculturist, at \$2,000.	1,166.66	881.95
Froley, John W.	Expert assistant, at \$1,800, and assistant agriculturist, at \$1,800.	1,800.00	474.08
Goodrich, C. L.	Expert, at \$2,000, and assistant, at \$2,000.	2,000.00	736.95
Wheeler, C. F.	Expert, at \$2,000.	500.00	
Wallschlaeger, F. O.	Expert, at \$1,500.	125.00	
Arnold, L. H.	Expert, at \$1,440, and agent, at \$1,440.	1,320.00	757.02
Fitzpatrick, Guy.	Expert, at \$60 per month.	120.00	98.05
Smith, C. B.	Assistant, at \$2,000.	1,166.66	739.83
Billings, Geo. A.	Assistant, at \$1,800.	1,800.00	555.67
Cates, J. S.	do.	1,800.00	500.84
Cotton, J. S.	do.	1,800.00	836.74
Crosby, M. A.	Assistant, at \$1,600.	1,600.00	1,053.50
Drake, J. A.	do.	400.00	1,088.62
Miller, H. A.	do.	1,600.00	351.94
Mowry, H. H.	do.	533.34	696.38
Peck, W. A.	Assistant, at \$1,500.	1,125.00	902.09
Burritt, M. C.	Assistant, at \$1,400.	1,306.67	1,007.77
Dodge, L. G.	do.	1,400.00	740.31
McClure, H. B.	Assistant, at \$1,400 and \$1,560.	1,459.99	1,233.67
Beavers, J. C.	Assistant, at \$1,200 and \$1,380.	1,282.50	659.06
Cox, H. R.	do.	1,282.50	543.85
Cron, Alexander B.	Assistant, at \$1,200.	1,100.00	
Ellis, L. W.	Assistant, at \$1,200 and \$1,380, and collaborator, at \$1.	822.83	446.91
Feldkamp, Cora L.	Assistant, at \$900.	795.00	
Jobson, H. H.	do.	337.50	855.19
Ruark, A. A.	Photographer, at \$900 and \$1,140.	1,010.00	
Hiatt, Mabel B.	Clerk, stenographer, and typewriter, at \$75 per month.	150.00	
Merrill, Nell.	Clerk and typewriter, at \$600.	26.67	
Carmack, E. D.	Clerk, at \$1,000.	119.44	
Frazer, Frankie.	Clerk, at \$600.	350.00	
Philpitt, Edward.	Carpenter, at \$3.50 per diem.	91.00	
Smith, Marie C.	Charwoman, at \$240 and \$360.	260.00	
Total		34,479.92	
<i>Out of Washington.</i>			
Hunter, Byron.	Assistant agriculturist, at \$1,800.	1,800.00	813.70
Drake, J. A.	Assistant agriculturist, at \$1,600.	1,200.00	
Warren, Jos. A.	Assistant agriculturist, at \$1,400 and \$1,620.	978.83	365.54
Chubbuck, Levi.	Expert, at \$2,520.	1,995.00	792.81
McNair, A. D.	Expert, at \$2,000.	2,000.00	1,166.25
McDowell, John C.	Expert, at \$1,800, and scientific assistant, at \$1,800, and assistant agriculturist, at \$1,800.	1,800.00	920.42
Monroe, Geo. E.	Expert, at \$150 per month.	1,800.00	742.65
Thompson, Harry.	do.	1,200.00	
McCulloch, M. E.	Expert, at \$1,620.	1,620.00	893.84
Ofutt, M. M.	Expert, at \$1,200, and agent, at \$1,200.	750.00	162.00
Stanford, E. A.	Expert, at \$1,200.	1,200.00	821.23
Street, Geo. J.	do.	1,100.00	990.17
Thomson, E. H.	do.	1,200.00	374.99
Bennett, C. Morris.	Expert, at \$1,020, agent, at \$1,020, and scientific assistant in farm management, at \$1,200.	1,007.50	328.33
Hayes, E. L.	Expert, at \$1,020.	637.50	205.45
Hoke, Chas. E.	Expert, at \$900.	900.00	837.73
Fitzpatrick, Guy.	Expert, at \$50 per month.	92.00	
Youngblood, B.	Scientific assistant, at \$1,800, and assistant agriculturist, at \$1,800.	1,800.00	863.56
Doane, D. H.	Scientific assistant, at \$1,200.	1,200.00	684.35
Jobson, Hicks H.	Scientific assistant, at \$900.	487.50	
Dillon, Bertha M.	Assistant, at \$25 per month.	150.00	
Tracy, S. M.	Special agent, at \$2,000.	2,000.00	565.93

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farm management), \$132,270"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kaufman, W. H.	Special agent, at \$150 per month and \$5 per diem.	\$460.00	\$107.91
Wooton, Elmer O.	Special agent, at \$150 per month.	300.00	
Gillett, E. C.	Special agent, at \$5 per diem.	190.00	147.95
Hinman, William J.	do.	150.00	125.07
Witter, Daniel P.	do.	335.00	215.32
Ross, A. B.	Special agent, at \$1,400.	496.67	54.50
Abbott, Gail T.	Special agent, at \$100 per month.	600.00	
Bugby, M. O.	do.	1,000.00	
Cook, Wm. M.	do.	200.00	
Elser, W. L.	do.	200.00	
Lloyd, W. A.	do.	600.00	
Smith, Alfred G.	Special agent, at \$100 per month, and scientific assistant, at \$1,620.	1,392.50	680.20
Kadonsky, J. Frank.	Special agent, at \$80 per month and \$90 per month	693.33	326.70
Etheridge, W. C.	Special agent, at \$75 per month.	150.00	
Williams, C. B.	do.	150.00	
Butler, Wm. R.	Special agent, at \$720.	720.00	755.57
Peck, F. W.	do.	720.00	1,057.95
Thompson, A. H.	do.	60.00	37.36
Magruder, Don G.	Special agent, at \$2 per diem.	74.00	128.76
Connor, Louis G.	Special agent, at \$50 per month and 40 cents per hour.	415.20	184.91
Sinclair, Wm.	Special agent, at \$20 per month.	240.00	
Wright, I. E.	Agent, at \$90 per month.	90.00	
Huntington, R. T.	Agent, at \$2 per diem.	49.00	
McLendon, L. P.	Agent, at \$50 per month.	50.00	76.72
Johnson, O. R.	Assistant in farm management, at \$50 per month.	33.33	32.75
Adams, Ezra B. C.	Collaborator, at \$25 per month.	100.00	
Camp, Otis O.	do.	75.00	
Forbes, Robt. H.	Collaborator, at \$300.	300.00	
Patterson, Harry J.	do.	300.00	1.44
Taber, Sarah F.	Collaborator (clerk), at \$25 per month.	63.33	
Thompson, Chas. H.	Collaborator, at \$25 per month.	300.00	
Duggar, J. F.	Collaborator, at \$15 per month.	180.00	
Harper, Jos. N.	do.	180.00	
Grosvenor, W. M.	Collaborator, at \$1 per month.	1.37	60.67
Warren, Geo. F.	do.	12.00	
Benson, Henry K.	Collaborator, at \$1.	.67	
Donoghue, R. C.	do.	1.00	
Nielsen, Harold T.	do.	1.00	
Morita, Kaho.	Artist, at \$83 per month.	166.00	75.55
McCleary, W. B.	Fence rider, at \$25 per month.	300.00	
Richmond, Allen.	Laborer, at \$60 per month.	120.00	88.50
Anderson, J. L.	Unskilled laborer, at \$1.75 per diem.	77.22	
Sheppard, F. M.	do.	132.13	
Total.		38,567.08	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Andrews Paper Co., R. P.	\$82.96	Schmidt, Fred A.	\$13.72
Ballantyne, R. Carter.	3.06	Shaw-Walker Co.	22.32
Bushnell Co., Alvah.	2.75	Sieber & Trussell Manufacturing Co.	.57
Clarke Co., R. P.	8.00	Siebert, Jno. F.	17.55
Contingent expenses, Department of Agriculture.	334.96	Swayze, W. L.	1.44
Kalamazoo Loose Leaf Binder Co.	.50	Technical Supply Co.	38.04
Library Bureau.	55.00	Typewriter & Office Supply Co.	22.15
Lincoln, Fred S.	62.50	United States Envelope Co.	68.50
McMillan Book Co.	17.16	Yawman & Erbe Manufacturing Co.	.65
Morrison Paper Co., E.	.75		
Pitcher, E. H.	1.68	Total.	754.26

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farm management), \$132,270"—Con.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Advance Co.	\$90.30	Sipes, Jasper	\$11.50
American Steel & Wire Co.	2.20	Superior Chemical Co.	2.00
Anderson, W. B.	4.00	Sutherland, H. B.	5.00
Ayers, E.	8.08	Thorburn & Co., J. M.	4.80
Barber and Ross.	.65	Topham, James S.	35.00
Barry, L. A.	4.50	Typewriter & Office Supply Co.	112.50
Barteldes Seed Co.	102.73	Underwood Typewriter Co.	24.10
Becker & Co., Chas.	2.68	Valley Plumbing & Supply Co.	235.00
Bedell Manufacturing Co.	1.12	Vonnegut Hardware Co.	75.00
Bolgiano & Co., F. W.	48.00	Webb Publishing Co.	.75
Bolgiano & Son, J.	42.40	Weir, W. W.	7.50
Breeders Gazette.	1.75	Welch, Edwin K.	2.60
Bushnell Co., W. F. T.	1.00	Western Newspaper Union.	2.50
Campbell Lumber Co.	27.16	Willet Seed Co.	43.75
Clarke Co., R. P.	44.61	Williams Manufacturing Co.	49.40
Contingent expenses, Department of Agriculture.	210.70	Wood & Sons, T. W.	119.25
Crane Co.	416.12	Woodward & Lothrop.	4.12
Day, Albert P.	15.00	Total.	4,617.68
Dickinson Co., Albert.	92.50		
Dimond, Oliver C.	1.00	<i>Furniture.</i>	
Dulin & Martin Co.	.65	Derby Desk Co.	43.00
Espey, John B.	.34	Enders Co.	72.25
Fogarty, Michael.	91.00	Gimbel, Ellis A.	2.90
Foster, W. L.	5.00	Library Bureau.	71.99
Frick, C. W.	28.21	Lincoln, Fred S.	302.90
Frontier Lumber Co.	74.15	Moses & Sons, W. B.	1.85
Grant Lumber Co., J. F. & J. H.	52.00	Parker Furniture Co.	92.00
Green, Lydia M.	114.40	Randle & Son, J. K.	44.75
Hickory Seed Co.	7.50	Shaw-Walker Co.	189.79
Iowa Publishing Co.	15.00	State Co.	20.55
Jeffrey Manufacturing Co.	835.93	Typewriter & Office Supply Co.	3.60
Joyce Engraving Co., Maurice.	165.77	Western Bank Supply Co.	28.20
Killian, Geo. P.	45.37	Yawman & Erbe Manufacturing Co.	59.75
Kneessi's Son, K.	1.50	Total.	993.53
Kowalski, Louis.	18.00		
Lambert, F. L.	6.00	<i>Fuel.</i>	
Lambie Co., James B. (Inc.)	20.30	Black Diamond Coal Co.	151.77
Lansburg & Bro.	4.50		
Lee, John.	5.00	<i>Freight.</i>	
Lowdermilk & Co., W. H.	15.62	Chicago & Northwestern Ry. Co.	1.58
McCleary, W. B.	80.00	Knox Express Co., Geo. W.	.75
McMillan Book Co.	12.00	Lincoln Transfer & Storage Co.	11.60
Mason Transfer Co.	26.00	St. Louis & San Francisco R. R. Co.	1.61
Mathy Co.	53.50	Star Union Line.	1.82
Merwin, Geo. H.	5.00	Total.	17.36
Michigan Farmer.	.75		
Minnix Co., N. M. (Inc.)	10.00	<i>Express.</i>	
Monarch Typewriter Co.	3.15	Adams Express Co.	70.02
Murphy Co., E. J.	.06	United States Express Co.	38.04
Muth & Co., Geo. F.	81.02	Total.	108.06
Nason Manufacturing Co.	8.00		
National Electric Supply Co.	3.00	<i>Telegraph.</i>	
National Supply Co.	375.00	Postal Telegraph-Cable Co.	5.95
Newman, E. S.	4.00	Western Union Telegraph Co.	70.57
Northrup, King & Co.	2.60	Total.	76.52
Nungesser & Co., Henry	37.20		
Ohio Farmer.	.75	<i>Telephone.</i>	
Orr, S. C.	16.35	Chesapeake & Potomac Telephone Co.	7.70
Owen, Wm. H.	66.00	Pioneer Telephone & Telegraph Co.	27.50
Peckham, R. Wallace.	5.00	Total.	35.20
Perkins, F. M.	32.30		
Perry, John B.	10.00		
Randolph Paper Box Co.	52.80		
Ravenstein, P. S.	21.23		
Remington Typewriter Co.	306.55		
Richardson, Fred A.	1.80		
Richardson, Jno. H.	5.00		
Robbins & Myers Co.	11.30		
St. Louis, B. & M. Ry. Co.	54.00		
Sawyer, Robt. S.	5.31		
Silver Manufacturing Co.	8.54		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farm management), \$132,270"—Con.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent.</i>		<i>Travel and station and field expenses—</i>	
		<i>Continued.</i>	
Andrews, A. A. ....	\$54.00	Cotton, J. S. ....	\$836.74
Eckfield, Mrs. Chas. ....	77.50	Cox, H. R. ....	543.85
Julian, E. W. ....	168.00	Cron, A. B. ....	41.40
Total.....	299.50	Crosby, M. A. ....	1,053.50
<i>Apparatus, instruments, and labora-</i>		Doane, D. H. ....	084.35
<i>tory material.</i>		Dodge, L. C. ....	740.31
Baker, Reid S. ....	216.21	Drake, J. A. ....	1,446.91
Bausch & Lomb Optical Co. ....	4.26	Ellis, L. W. ....	98.05
Columbia Photo Supply Co. ....	2.10	Fitzpatrick, Guy. ....	474.08
Eastman Kodak Co. ....	490.22	Froley, J. W. ....	147.95
Eimer, Amend. ....	20.05	Goodrich, C. L. ....	736.95
Evans, Henry. ....	1.45	Griffiths, David. ....	1,027.22
Flemer, Louis. ....	6.38	Grosvenor, Wm. Mason. ....	60.67
Gilman, Z. D. ....	167.89	Hays, E. L. ....	205.45
Goerz American Optical Co., C. P. ....	7.81	Hinman, Wm. J. ....	125.07
Greiner Co., Emil. ....	41.24	Hoke, Chas. E. ....	837.73
Gurley, W. & L. E. ....	21.08	Hunter, Byron. ....	813.70
Heil Chemical Co., Henry. ....	67.90	Jobson, H. H. ....	855.19
Leese, M. A. ....	163.97	Johnson, O. R. ....	32.75
Lewis, J. L. ....	6.00	Kadonsky, J. F. ....	326.70
Luthin, R. H. ....	3.17	Kaufman, W. H. ....	107.91
Mackall Bros. ....	4.67	McClure, H. B. ....	1,233.67
Muth Bros. & Co. ....	.73	McCulloch, M. E. ....	893.84
Pullman, E. J. ....	116.80	McDowell, J. C. ....	920.42
Sargent & Co., E. H. ....	19.00	McLendon, L. P. ....	76.72
Sheetz, W. Silas. ....	79.25	McNair, A. D. ....	1,166.25
Shoemaker & Busch. ....	6.07	Magruder, Don G. ....	128.76
Spencer Lens Co. ....	1.65	Miller, H. A. ....	351.94
Sussman Photo Stock Co., J. ....	13.12	Monroe, Geo. E. ....	742.65
Thomas Co., A. H. ....	17.83	Morita, Kako. ....	75.55
Torsion Balance Co. ....	23.00	Mowry, H. H. ....	246.38
Voigtlander & Son Optical Works,		Oakley, R. A. ....	17.20
A. C. ....	167.25	Offutt, M. M. ....	162.00
Voland & Sons. ....	55.10	O'Kane, Walter C. ....	36.53
Whitall-Tatum Co. ....	30.00	Peck, F. W. ....	1,057.95
Total.....	1,754.20	Peck, W. A. ....	902.09
<i>Travel and station and field expenses.</i>		Richmond, Allen. ....	88.50
Arnold, J. H. ....	757.02	Ross, A. B. ....	54.50
Baker, Geo. S. ....	5.95	Smith, A. C. ....	680.20
Beavers, J. C. ....	659.06	Smith, C. B. ....	739.83
Bennett, C. Morris. ....	328.33	Spillman, W. J. ....	1,065.06
Billings, G. A. ....	555.67	Stanford, E. A. ....	821.23
Brodie, D. A. ....	881.95	Street, C. J. ....	990.17
Burritt, M. C. ....	1,007.77	Thompson, A. H. ....	37.36
Butler, Wm. R. ....	755.57	Thompson, Harry. ....	520.86
Cates, J. S. ....	560.84	Thomson, E. H. ....	374.99
Chubbuck, Levi. ....	792.81	Tracy, S. M. ....	213.59
Connor, Louis G. ....	184.91	Warren, J. A. ....	365.54
		Witter, Daniel P. ....	215.32
		Youngblood, B. ....	863.56
		Total.....	32,817.64

Total amount of appropriation.....	\$132,270.00
Total expenditures under above groups.....	114,672.72

Unexpended balance on Aug. 31, 1910.....	17,597.28
Repayments to credit of appropriation.....	5.41

Net unexpended balance.....	17,602.69
Outstanding liabilities (estimated).....	3,670.39

Balance to be turned back in Treasury (estimated).....	13,932.30
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## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Knapp, S. A.	Agent, at \$3,480.	\$3,480.00	\$570.00
Dexter, William H.	Assistant in farmers' cooperative demonstration work, at \$1,600.	155.56	
Conner, A. B.	Assistant, at \$1,400.	233.33	379.06
Barber, Horace W.	Clerk, at \$1,400.	1,400.00	
McLaughlin, F. M.	do.	1,400.00	
Wyatt, Hardee.	Clerk, at \$1,000.	994.50	
Conway, Walter H.	Clerk, at \$900.	900.00	
Dodson, Robt. H.	do.	220.00	
Manghum, Henry E.	do.	597.50	
Walsh, Mary F.	do.	220.00	
Whitmore, May J.	Clerk, at \$720 and clerk, stenographer, and typewriter, at \$900.	840.00	
Waters, Sarah.	Clerk, at \$660.	289.67	
Beecher, K. H.	Clerk, at \$600.	118.33	
Connolly, K. G.	Clerk, at \$600 and \$840.	660.00	
Dunnington, Mildred.	Clerk, at \$600.	150.00	
Emerson, Eleanor V.	do.	225.00	
Fox, Levantia E.	do.	20.00	
Hardin, Alene.	do.	96.66	
Keating, Edith F.	do.	600.00	
Larimore, Edith A.	Clerk, at \$50 per month.	100.00	
Ridgway, Ruth M.	Clerk, at \$600.	220.00	
Todd, Blanche.	do.	250.00	
Arthur, Charles O.	Clerk, stenographer, and typewriter, at \$900.	145.00	
Farnan, John P.	do.	87.50	
Coblentz, A. Z.	Clerk and typewriter, at \$600.	300.00	
Heizer, Mabel S.	do.	298.33	
Klinge, Julia D.	Clerk and typewriter, at \$50 per month.	86.67	
Krumke, Olga R.	do.	58.33	
Wedderburn, H. P.	Clerk and typewriter, at \$600.	23.33	
Nicholson, Betty B.	Clerk and stenographer, at \$50 per month.	18.33	
Philpitt, Edward.	Carpenter, at \$3.50 per diem.	91.00	
Howard, Chas. R.	Messenger boy, at \$360.	52.00	
Total.		14,331.04	
<i>Out of Washington.</i>			
Evans, James A.	Special agent, at \$2,000.	2,000.00	777.53
Garner, P. P.	do.	1,722.23	629.33
Martin, Oscar B.	do.	1,166.67	642.23
Bentley, Walter D.	Special agent, at \$150 per month.	1,800.00	905.90
Campbell, James P.	do.	1,050.00	287.66
Duncan, Luther N.	do.	1,725.00	735.14
Mercier, Wm. B.	do.	1,800.00	177.59
Procter, Wm. F.	Special agent, at \$150 per month and \$2,000.	1,866.67	890.51
Savely, Harvey E.	Special agent, at \$150 per month.	1,050.00	987.10
Orms, Geo. W.	Special agent, at \$125 per month and \$110 per month.	1,380.00	429.25
Phelps, James C.	Special agent, at \$125 per month.	1,375.00	855.54
Plunkett, T. O.	Special agent, at \$125 per month and \$100 per month.	900.00	102.20
Fruitt, Geo. H.	Special agent, at \$125 per month.	250.00	
Quicksall, James L.	Special agent, at \$125 per month and \$150 per month.	1,600.00	1,226.81
Allen, Columbus E.	Special agent, at \$110 per month and \$75 per month.	853.67	16.25
Moss, Benj. L.	Special agent, at \$110 per month and \$125 per month.	1,395.00	1,066.22
Snowden, Mason.	Special agent, at \$110 per month.	770.00	651.78
Tate, Hughey D.	Special agent, at \$110 per month and \$125 per month.	1,395.00	1,114.79
Terrell, Thos. E.	Special agent, at \$110 per month and \$100 per month.	1,030.00	53.20
Aldrich, Albert A.	Special agent, at \$100 per month.	663.33	8.78
Allen, John O.	do.	750.00	224.30
Alsop, Sam B.	Special agent, at \$100 per month and collaborator, at \$25.	675.00	13.35

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Barnett, John C.	Special agent, at \$1,200	\$650.00	\$613.31
Berryman, John O.	Special agent, at \$100 per month	450.00	16.80
Calhoun, Lucius M.	do	516.67	150.95
Clarke, Frank	do	1,000.00	339.20
Cowdin, Eugene P.	do	880.00	22.30
English, Wm. L.	do	1,200.00	605.99
Ferguson, Fabius F.	do	1,200.00	21.90
Ganzer, William	do	533.33	209.35
Huffman, M. E.	do	1,000.00	18.15
Kuykendall, M. L.	do	1,000.00	21.55
Mobley, H. S.	do	866.67	280.84
Murphy, S. W.	do	750.00	14.84
Perrin, Louis E.	Special agent, at \$100 per month and \$1,380	1,282.50	785.05
Roy, Victor L.	Special agent, at \$100 per month	900.00	136.66
Stallings, Wm. C.	do	1,000.00	102.95
Sutton, George R.	do	900.00	12.05
Wade, James A.	do	300.00	144.49
Wemple, Joe E.	Special agent, at \$100 per month and \$1,320	1,255.00	493.20
Apple, Wm. J.	Special agent, at \$80 per month and \$1,200	1,070.00	451.36
Campbell, Thos. M.	Special agent, at \$80 per month	960.00	629.61
Davidson, Robt. C.	Special agent, at \$80 per month and \$1,200	1,070.00	735.36
Dellinger, John F.	Special agent, at \$80 per month	760.00	311.29
Lewis, William B. F.	do	400.00	22.50
Moore, James J.	Special agent, at \$80 per month and \$1,200	1,070.00	994.63
Nichols, Herbert S.	Special agent, at \$80 per month	500.00	336.16
Owens, Leander D.	do	712.00	114.48
Acker, Henry W.	Special agent, at \$75 per month	412.50	7.95
Alsop, Jos. F.	do	125.00	.....
Anderson, Benj. M.	do	130.00	.....
Ansley, Edwin P.	Special agent, at \$75 per month; horse hire, \$162.50	686.67	7.31
Aten, Frank L.	Special agent, at \$75 per month	637.50	20.70
Banzhaf, George	do	612.50	19.20
Ballard, John	do	562.50	36.55
Barron, John T.	do	337.50	63.55
Baunchaud, J. L.	Special agent, at \$75 per month and \$50 per month	250.00	7.70
Bayless, Arthur C.	Special agent, at \$75 per month	187.50	3.75
Bean, M. G.	do	525.00	20.70
Boeson, Horace W.	do	375.00	24.10
Bell, Thomas	do	285.00	31.46
Binion, Robert L.	do	247.50	4.70
Bishop, George L.	Special agent, at \$75 per month; horse hire, \$109.17	549.17	22.87
Bishop, Jefferson A.	Special agent, at \$75 per month	130.00	.....
Black, James H.	do	562.50	20.58
Branch, Clarence C.	do	177.50	.....
Brian, Hardy Lee	do	100.00	24.75
Brinley, Jos. F.	do	450.00	4.85
Bryson, Wm. L.	do	75.00	.....
Burley, Charles B.	do	300.00	35.85
Butcher, Judge W.	do	675.00	28.35
Cauthen, James B.	do	375.00	26.40
Christian, Geo. A.	do	395.00	4.30
Coker, Wesley T.	do	525.00	4.66
Coleman, Vallie P.	do	600.00	61.70
Conger, Wm. Nathan	do	375.00	7.30
Conway, Wm. Henry	do	562.50	19.64
Cook, Clay M.	do	562.50	15.90
Corley, James W. L.	Special agent, at \$75 per month; horse hire, \$100	625.00	15.93
Coxwell, Hilliard J.	Special agent, at \$75 per month	562.50	70.07
Davis, Walter E.	do	637.50	16.85
Donnelly, Jas. A.	do	427.50	7.35
Durrenberger, Ira A.	do	675.00	21.05
Egan, Philip K.	Special agent, at \$75 per month, and collaborator, at \$25 per month	362.50	66.92
Elder, Blanton B.	Special agent, at \$75 per month	177.50	.....
Elliott, Monroe E.	do	562.50	24.81
Elrod, Robert P.	do	525.00	26.50
Fields, Robert O.	do	337.50	13.65
Finley, Sam	do	150.00	.....
Fischer, Julius F.	do	237.50	16.95



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ford, Benj. Hiram.....	Special agent, at \$75 per month.....	\$130.00	.....
Forrester, Dick R.....	do.....	257.50	\$3.17
Freiler, Amos K.....	do.....	75.00	9.90
Garland, Hiram.....	do.....	412.00	4.95
Gordan, Alexander A.....	do.....	562.50	18.88
Graham, Anthony G.....	Special agent, at \$75 per month; horse hire, \$191.67.	766.67	.....
Greer, James D.....	Special agent, at \$75 per month.....	550.00	16.70
Gregory, John H.....	Special agent, at \$75 per month and \$100 per month.....	858.33	109.35
Hamilton, Pat S.....	Special agent, at \$75 per month.....	300.00	3.35
Handley, Guy H.....	do.....	562.50	7.27
Harrison, Jno. V.....	do.....	257.50	7.10
Harter, Joseph P.....	do.....	375.00	.....
Helms, Jos. Edw.....	do.....	525.00	70.01
Henson, James E.....	do.....	450.00	9.90
Hester, Maon.....	do.....	450.00	3.47
Huffman, Logan J.....	do.....	225.00	15.45
Hughes, James O.....	do.....	225.00	10.75
Ives, Fred Harrison.....	do.....	467.50	6.65
Jackson, Beele M.....	do.....	600.00	24.66
Johnson, Charley J.....	do.....	112.50	10.34
Jordan, John Henry.....	do.....	262.50	4.80
Kennedy, Oliver L.....	do.....	600.00	20.50
Kent, Andrew J.....	do.....	67.50	.....
Kile, James M.....	do.....	75.00	10.61
Kimbell, Wm. E.....	do.....	262.50	7.95
Kimbrough, Argus L.....	do.....	425.00	16.36
Knight, Wm. H.....	do.....	562.50	98.26
Krause, Henry M.....	do.....	300.00	23.55
Lanier, I. H.....	do.....	75.00	.....
Latham, Albert M.....	do.....	337.50	26.90
McClung, Earl J.....	do.....	562.50	12.85
McClure, John Edw.....	do.....	200.00	.....
McConkey, J. L.....	do.....	600.00	35.50
McCord, John B.....	do.....	525.00	15.35
McDonald, Wm. Henry.....	do.....	300.00	17.00
McInnis, W. B.....	do.....	225.00	.....
McKenzie, Wm. Ardis.....	do.....	75.00	.....
McKnight, Jas. B.....	do.....	187.50	16.50
McPherson, Wm. N.....	do.....	600.00	24.56
McQuiston, Robt. S.....	do.....	300.00	22.34
McWilliams, Jno. T.....	do.....	675.00	25.70
Marks, Thomas M.....	do.....	525.00	28.05
Marsh, James Austin.....	do.....	392.50	7.25
Matherly, Wm. H.....	do.....	375.00	13.25
Mims, Edward.....	do.....	600.00	29.97
Mitchell, F. A.....	do.....	375.00	9.05
Moore, Chas. H.....	do.....	585.00	9.50
Mullen, Felix L.....	do.....	75.00	.....
Myers, David C.....	do.....	525.00	11.25
Parks, John Douglas.....	do.....	300.00	36.48
Payne, Milton T.....	do.....	337.50	24.50
Peters, James A.....	do.....	452.50	9.13
Pinkley, Chas. H.....	Special agent, at \$75 per month; horse hire, \$102.50.	712.50	27.10
Raines, James M.....	Special agent, at \$75 per month.....	562.50	7.50
Ramsey, Wm. T. J.....	do.....	300.00	10.75
Risher, George F.....	do.....	562.50	24.90
Ross, Dan B.....	do.....	300.00	.....
Ross, Isaac A.....	do.....	300.00	13.65
Runnells, Thos. M.....	do.....	112.50	16.09
Scott, Robert F.....	do.....	237.50	.....
Sebesta, Julius S.....	do.....	525.00	22.35
Simmons, Frank.....	do.....	600.00	85.11
Sims, William D.....	do.....	405.00	19.80
Sivils, Rufus M.....	do.....	562.50	18.46
Smith, Geo. T.....	do.....	525.00	23.85
Stansell, John E.....	do.....	600.00	27.50
Strickland, D. B.....	do.....	295.00	61.75

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Turner, J. Roland.....	Special agent, at \$75 per month.....	\$600.00	\$20.21
Vandiver, Moses H.....	do.....	525.00	12.30
Venable, William R.....	do.....	562.50	16.46
Waltman, John W.....	do.....	375.00	20.40
Walton, Thomas O.....	do.....	525.00	7.75
Watson, Wm. L.....	do.....	300.00	35.30
Watt, Joseph T.....	Special agent, at \$75 per month and \$100 per month.....	1,025.00	518.69
Westbrook, John D.....	Special agent, at \$75 per month.....	600.00	33.34
Wilkins, Pascal P.....	do.....	600.00	28.10
Winfrey, George H.....	do.....	675.00	24.90
Wood, Thos. B.....	do.....	337.50	30.15
Booker, James A.....	Special agent, at \$70 per month.....	471.33	16.45
Menafee, Crofford D.....	do.....	455.00	9.07
Simms, Harry.....	do.....	441.00	24.67
Wilson, R. Samuel.....	Special agent, at \$62.50 per month and \$150 per month.....	1,712.50	1,065.74
Montgomery, Wm. H.....	Special agent, at \$800.....	233.32	-----
Campbell, Wm. W.....	Special agent, at \$60 per month and \$100 per month.....	1,070.67	458.89
Knapp, Seaman A., jr.....	Special agent, at \$60 per month.....	300.00	-----
Miller, James S.....	Special agent, at \$60 per month and \$75 per month.....	333.50	8.65
Prince, Abram H.....	do.....	337.50	12.50
Runnels, Lewis C.....	do.....	265.50	11.55
Truett, James Polk.....	do.....	307.50	6.35
Atcheson, T. S.....	Special agent, at \$50 per month and \$75 per month.....	162.50	13.55
Benton, Arthur F.....	do.....	425.00	14.81
Blackwell, Thos. L.....	Special agent, at \$50 per month.....	300.00	12.21
Council, James R.....	Special agent, at \$50 per month and \$75 per month.....	300.00	8.64
Criss, Wm. Morrison.....	Special agent, at \$50 per month.....	550.00	66.00
Dean, J. Minie.....	do.....	291.67	18.35
Dotson, Burkett G.....	do.....	100.00	-----
Evans, E. Lockley.....	do.....	300.00	3.90
Harrell, Alfred G.....	do.....	300.00	71.75
Kell, Lawrence C.....	do.....	188.33	10.63
Lee, Jesse J.....	do.....	400.00	20.75
Maloney, George A.....	Special agent, at \$50 per month and \$75 per month.....	437.50	79.55
Millord, Walton W.....	Special agent, at \$50 per month.....	100.00	18.38
Miller, Walter E.....	do.....	220.00	3.71
Moorman, Albert H.....	do.....	350.00	26.05
Morrow, Albert A.....	do.....	250.00	23.90
Newell, Ben Y.....	do.....	200.00	22.98
Reeder, John Wiley.....	do.....	250.00	15.25
Rhodes, Larkin T.....	do.....	350.00	82.74
Ritch, Guy A.....	do.....	75.00	7.31
Rooker, James Thos.....	do.....	345.00	11.63
Sartain, John W.....	do.....	200.00	10.51
Staples, Jacob T.....	do.....	350.00	14.57
Swann, Howell Cobb.....	do.....	425.00	18.40
Thomas, John L.....	do.....	223.33	13.25
Waldrop, Wm. Thos.....	do.....	400.00	20.36
Walton, Edwin J.....	do.....	175.00	12.15
Young, William E.....	do.....	225.00	20.25
Lundy, Wm. B.....	Special agent, at \$43.75 per month.....	525.00	17.20
Braswell, Herbert P.....	Special agent, at \$500.....	208.34	13.85
Clayton, William D.....	do.....	333.34	34.65
Brownfield, John F.....	Special agent, at \$40 per month.....	150.67	10.30
David, Henry J.....	do.....	200.00	8.95
Evans, Eddie N.....	do.....	150.67	11.95
Armstrong, Jas. M.....	Special agent, at \$37.50 per month.....	225.00	43.35
Bailey, Peter G.....	do.....	300.00	54.15
Blount, Edwin A.....	do.....	225.00	11.34
Bond, Edward W.....	do.....	120.00	-----
Bridgers, Thos.....	do.....	300.00	21.80
Buchanan, Jas. L.....	do.....	300.00	65.06
Burkett, Julius C.....	do.....	51.25	-----
Cain, Wm. H.....	do.....	137.50	14.50
Crowder, Culver.....	do.....	36.25	13.53
Ford, William M.....	do.....	112.50	14.90

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Garner, Martin Van.....	Special agent, at \$37.50 per month.....	\$218.75	\$66.53
Green, Edgar.....	do.....	337.50	23.65
Hathorn, H. Guy.....	do.....	300.00	78.95
Hearst, Joseph F.....	do.....	88.75	44.00
Jackson, Preston B.....	do.....	225.00	11.14
King, John Clinton.....	do.....	168.75	50.45
Kirbow, William R.....	do.....	207.50	8.75
Kizer, John R.....	do.....	201.25	82.73
Leib, J. Logan.....	do.....	105.00	.....
McDonald, Albert A.....	do.....	167.50	12.60
McGehee, John H.....	do.....	168.75	4.85
McHaffey, John H.....	do.....	312.50	19.46
Magee, Warren L.....	do.....	88.75	39.95
Mardis, John Price.....	do.....	187.50	67.49
Melville, John A.....	do.....	112.50	.....
Nixon, Oliver P.....	do.....	225.00	7.18
Phares, David L.....	do.....	168.75	7.88
Price, Wm. T.....	do.....	300.00	40.25
Randle, James W.....	do.....	128.75	44.85
Stephens, Benj. Z.....	do.....	300.00	53.95
Tate, Washington.....	do.....	256.25	.....
Taylor, James E.....	do.....	225.00	8.00
Taylor, William B.....	do.....	225.00	11.90
Ventress, Seneca P.....	do.....	173.75	.....
Wear, Albert E.....	do.....	185.00	59.61
Weeks, Albert B.....	do.....	168.75	6.25
Williams, John R.....	do.....	158.75	4.43
Williamson, James F.....	do.....	225.00	51.50
Williamson, Thos. B.....	do.....	225.00	4.61
Woods, Bedford E.....	do.....	141.25	13.69
Yelverton, Rufus S.....	do.....	112.50	48.80
Middleton, J. N.....	Special agent, at \$30 per month.....	10.00	.....
Mire, J. Cledament.....	do.....	139.00	52.15
Parlier, John Wm.....	do.....	180.00	4.50
Alford, Geo. H.....	Special agent, at \$25 per month and \$100 per month.....	725.00	344.95
Waldrop, Wm. D.....	Special agent, at \$25 per month.....	82.50	25.50
Agnew, Ella Graham.....	Agent, at \$100 per month.....	93.33	.....
Stewart, Lawrence E.....	do.....	83.33	.....
McAlister, N. T.....	Agent, at \$75 per month.....	75.00	.....
Philip, Simon R.....	do.....	75.00	.....
Shirley, Thomas M.....	do.....	70.00	.....
Wise, H. A.....	Agent, at \$50 per month.....	36.67	.....
Conner, Arthur B.....	Scientific assistant, at \$1,400.....	1,166.67	.....
Sanders, Clayton.....	Collaborating clerk, at \$25 per month.....	234.17	.....
Evans, Sir Rupert.....	Collaborating clerk, at \$20 per month.....	200.00	.....
Barton, Rufus King.....	Collaborating clerk, at \$15 per month.....	120.00	.....
Shaw, Lee E.....	do.....	116.50	.....
Bentley, Martha M.....	Collaborating clerk, at \$10 per month.....	98.33	.....
Dove, Clifford.....	Collaborating clerk, at \$6 per month.....	52.20	.....
Bordelon, A. C.....	Collaborator, at \$25 per month, and agent, at \$50 per month.....	154.16	19.65
Brumfield, Chas. N.....	Collaborator, at \$25 per month, and special agent, at \$400.....	350.00	29.95
Clotiaux, Victorian.....	Collaborator, at \$25 per month.....	125.00	13.45
Daigle, Gabriel.....	do.....	80.83	4.55
Day, Robert Lee.....	do.....	162.50	9.00
De Kerlegand, G.....	do.....	36.67	.....
Edwards, James F.....	Collaborator, at \$25 per month, and special agent, at \$37.50 per month.....	200.00	13.05
Fontenot, Rene C.....	Collaborator, at \$25 per month.....	125.00	19.65
Gray, James Edwin.....	Collaborator, at \$25 per month, and special agent, at \$400.....	350.00	21.35
Guillot, Amet.....	Collaborator, at \$25 per month.....	125.00	8.88
Haden, William F.....	do.....	125.00	.....
House, Wiley S.....	do.....	162.50	88.27
Hudson, William C.....	do.....	125.00	21.90
Huling, Joel A.....	Collaborator, at \$25 per month, and special agent, at \$37.50 per month.....	187.50	18.01



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jones, Frank C.	Collaborator, at \$25 per month.	\$4.17	.....
Lord, Walter.	do.	62.50	.....
Markham, Louis A.	do.	300.00	\$18.53
Martin, James T.	do.	96.67	7.05
Nichols, Wm. F.	do.	150.00	71.05
Proctor, Wm. C.	Collaborator, at \$25 per month, and special agent, at \$37.50 per month.	322.50	11.30
Rabalias, Abel H.	Collaborator, at \$25 per month.	125.00	32.15
Rogers, James E.	Collaborator, at \$25 per month, and special agent, at \$400.	350.00	78.15
Slack, Chas. J.	Collaborator, at \$25 per month.	125.00	43.65
Striplin, Chas. F.	Collaborator, at \$25 per month, and special agent, at \$50 per month.	210.00	4.99
Tillery, Bunyan.	Collaborator, at \$25 per month.	25.00	.....
Tuggle, Chas. M.	do.	85.83	64.33
Watson, Chas. W.	Collaborator, at \$25 per month, and special agent, at \$50 per month.	475.00	38.85
White, John Thomas.	Collaborator, at \$25 per month.	125.00	22.90
Whitehead, A. D.	Collaborator, at \$25 per month, and agent, at \$50 per month.	212.50	59.38
Windham, John S.	Collaborator, at \$25 per month, and special agent, at \$50 per month.	187.50	7.80
Woodruff, Arthur S.	Collaborator, at \$25 per month, and special agent, at \$37.50 per month.	289.58	68.55
Young, Benj. Louis.	Collaborator, at \$25 per month.	125.00	7.70
Burnett, Frank P.	Collaborator, at \$20 per month.	100.00	24.13
Timmons, Edward E.	do.	100.00	9.10
Lee, J. G., jr.	Collaborator, at \$15 per month.	75.00	.....
Thibodeaux, Chas. N.	do.	105.00	.....
Hughes, Perry B.	Collaborator, at \$10 per month.	30.00	.....
Persons, H. T.	do.	30.00	.....
Pye, George C.	Collaborator, at \$5 per month.	25.00	7.10
Abernathy, Miles A.	Collaborator, at \$1.	1.00	.....
Adams, George C.	do.	.72	.....
Adams, Owen N.	do.	.66	.....
Agnew, James Stuart.	do.	.70	.....
Allen, Ira G.	do.	1.00	.....
Allston, Richard L.	do.	.23	.....
Anderson, Wm. L.	do.	1.00	.....
Antley, Addy O.	do.	.37	.....
Arrendale, John V.	do.	.66	.....
Bagley, Edw. G.	do.	.66	.....
Baker, Lucius L.	do.	1.00	.....
Barton, Paul J.	do.	.25	.....
Barton, W. H.	do.	.70	.....
Blanton, J. E.	do.	.25	.....
Blanton, M. B.	do.	.25	.....
Brockett, Joshua A.	do.	.55	.....
Broom, Thos. J. W.	do.	1.00	.....
Brown, John B.	do.	1.00	.....
Brown, Jefferson D.	do.	.75	.....
Brown, James L.	do.	.66	.....
Browne, Thos. E.	do.	1.00	.....
Burrows, Edgar E.	do.	.58	11.60
Campbell, C. J.	do.	.72	.....
Campbell, Daniel L.	do.	.72	.....
Campbell, Daniel F.	do.	1.00	.....
Campbell, McLean.	do.	.58	.....
Campbell, Robt. H.	do.	.25	.....
Cantey, Richard M.	do.	.25	.....
Carnell, Fred W.	do.	.66	.....
Carter, J. L.	do.	1.00	.....
Chamblee, Wm. H., jr.	do.	1.00	.....
Chappell, L. C.	do.	1.00	.....
Clark, Chas. E.	do.	1.00	.....
Cobb, Joel S.	do.	.75	.....
Coble, Samuel E.	do.	.60	.....
Collier, Vines L.	do.	.33	.....
Coogler, Bolen.	do.	1.00	.....

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cornelius, Wm. O.....	Collaborator, at \$1.....	\$1.00	
Consar, Harold N.....	do.....	.33	
Cown, Samuel M.....	do.....	1.00	
Cox, Chas. S.....	do.....	1.00	
Craig, William R.....	do.....	.43	
Cubbedge, Bart W.....	do.....	1.00	
Cunningham, G. V.....	do.....	.66	
Cunningham, R. H.....	do.....	.66	
Cunningham, R. L.....	do.....	1.00	
Daniel, Wyatt H.....	do.....	.66	
Daniel, Otho A.....	do.....	.62	
Davis, Billy J.....	do.....	1.00	
Davis, Lyman C.....	do.....	1.00	
Day, John C.....	do.....	1.00	
Derrick, Geo. A.....	do.....	1.00	
Dorin, Wm. H.....	do.....	1.00	
Dugan, M. L.....	do.....	.32	
Duncan, Samuel M.....	do.....	1.00	
Durham, John A.....	do.....	.31	
Early, Thomas A.....	do.....	1.00	\$79.38
Edwards, J. F.....	do.....	.20	
Elliott, William R.....	do.....	1.00	
Erickson, John H.....	do.....	1.00	11.20
Evans, Jonathan.....	do.....	1.00	
Evans, John F.....	do.....	1.00	
Farrar, Fernando S.....	do.....	1.00	
Ferguson, A. McG.....	do.....	.41	
Fisher, Urban B.....	do.....	.25	
Fitzpatrick, Jno. T.....	do.....	.38	
Flood, Joel W.....	do.....	1.00	
Flowers, Chas. A.....	do.....	.72	
Foster, Chas. L.....	do.....	.66	
Fountain, Hugh C.....	do.....	1.00	
Frissell, Sidney D.....	do.....	.67	
Galusha, J. Cutler.....	do.....	.08	
Gay, Richard D.....	do.....	1.00	
Gentry, Elbert.....	do.....	1.00	
Gilliam, John J.....	do.....	1.00	
Glassell, Wm. E.....	do.....	1.00	
Griggs, Eli Clem.....	do.....	.27	
Hall, Joseph S.....	do.....	1.00	
Halliday, Wm. Thos.....	do.....	.33	
Hammock, Asa Dow.....	do.....	.66	
Hane, Wm. C.....	do.....	.08	
Hardison, S. E.....	do.....	.65	
Harris, Gilford L.....	do.....	1.00	
Harris, John West.....	do.....	.37	
Hassell, Wm. E.....	do.....	.28	
Hayes, Wm. H.....	do.....	.41	
Henderson, Henry J.....	do.....	.25	
Hendricks, Melver J.....	do.....	.65	
Henry, Darius H.....	do.....	.25	
Hite, Robert Mann.....	do.....	.08	
Hoge, Howard M.....	do.....	.20	
Holland, Matthews G.....	do.....	.32	
House, DeWitt H.....	do.....	1.00	
House, Wiley S.....	do.....	.20	
Howard, Stephen F.....	do.....	.24	
Howle, George B.....	do.....	.23	
Hudson, C. R.....	do.....	1.00	
Hughes, Chas. J.....	do.....	1.00	
Huling, Joel A.....	do.....	.20	
Hurst, Jerome T.....	do.....	.75	
Jackson, E. T.....	do.....	1.00	
James, James Keith.....	do.....	.72	
Jeffords, Sam'l J.....	do.....	1.00	
Jenkins, E. D.....	do.....	.62	
Johnson, Albert C.....	do.....	1.00	

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910 (under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Johnson, James H.	Collaborator, at \$1.....	\$0.66	
Johnson, Joseph L.	do.....	.33	
Johnson, Philip D.	do.....	1.00	
Jones, Carey W.	do.....	.28	
Jones, Frank C.	do.....	.20	
Jones, George L.	do.....	1.00	
Jones, Joseph W.	do.....	.60	
Jones, Marcus A.	do.....	.25	
Kearns, John Harris.	do.....	.33	
Kelly, James Elbert.	do.....	.27	
Kennedy, J. B.	do.....	1.00	
Knapp, Bradford.	do.....	.63	\$161.65
Knapp, S. Arthur.	do.....	.33	
Lang, Thomas W.	do.....	1.00	
Latham, John F.	do.....	.62	
Layton, N. A.	do.....	.70	
Leemon, J. E.	do.....	.53	
Leggett, James D.	do.....	.25	
Lemon, Revedee D.	do.....	1.00	
Lewis, Robert E.	do.....	.25	
Lewis, Wm. Crawford.	do.....	.36	
Litaker, A. H.	do.....	.70	
Looper, Robert N.	do.....	.66	
Lord, Walter.	do.....	.20	
McArtan, Colin.	do.....	1.00	
McBrayer, Oscar E.	do.....	.70	
McCluney, Frank.	do.....	1.00	
McFadden, Chas. A.	do.....	1.00	
McGee, Jeff Davis.	do.....	.66	
McLean, Thaddeus D.	do.....	.65	
McLemore, Ira T.	do.....	1.00	
McLendon, Walter J.	do.....	.58	
Maddux, Thomas S.	do.....	.29	
Maloney, Geo. A.	do.....	.20	
Mason, James Wilson.	do.....	.33	
Massie, Robert Lee.	do.....	.16	
Meharg, Anderson S.	do.....	1.00	
Michael, W. Cyrus.	do.....	1.00	
Miley, Perry.	do.....	.61	
Millford, Walton W.	do.....	.20	
Miller, William H.	do.....	1.00	
Millsaps, Elliott S.	do.....	1.00	
Mishoe, Walter.	do.....	.33	
Mooney, Ben S.	do.....	1.00	
Moore, Zeno.	do.....	.43	
Moorman, Albert H.	do.....	.20	
Morgan, Stephen E.	do.....	.27	
Motter, Gertrude E.	do.....	.27	
Mundy, Pierce B.	do.....	.37	
Neblett, Nathaniel F.	do.....	.25	
Newell, Frank B.	do.....	1.00	
Oliver, Griffin E.	do.....	1.00	
Oliver, J. T.	do.....	1.00	
Oliver, Jonas G.	do.....	.66	
Parker, John C.	do.....	1.00	
Parker, Lonnie L.	do.....	1.00	
Peacock, Oliver L.	do.....	1.00	
Peele, Jephtha.	do.....	.33	
Perry, Louis J.	do.....	1.00	
Petree, Wesley A.	do.....	.66	
Peyton, Henry S.	do.....	.83	
Phelps, James C.	do.....	.08	
Pierce, John B.	do.....	1.00	
Pitts, David J.	do.....	.66	
Reid, Samuel Fraser.	do.....	.24	
Rhodes, Larkin T.	do.....	.20	
Ridenhour, H. C.	do.....	.30	
Ridings, Hy J.	do.....	.49	



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ritch, Guy A.	Collaborator, at \$1	\$0.20	
Ross, John J.	do.	1.00	
Rosser, Walter C.	do.	1.00	
Rothrock, James W.	do.	1.00	
Roux, Louis Thomas	do.	.70	
Rushing, Milledge J.	do.	.62	
Sandeford, Wm. C.	do.	1.00	
Sandy, T. O.	do.	1.00	
Schaub, I. O.	do.	.91	\$50.10
Shackelford, T. W.	do.	.27	
Shackelford, Wm. C.	do.	.83	
Shealy, James W.	do.	1.00	
Simpson, Chas. H.	do.	.25	
Sloan, John F.	do.	.36	
Smith, David H.	do.	1.00	
Smith, Job E. W.	do.	.66	
Smith, William H.	do.	1.00	
Snead, William O.	do.	.72	
Spain, Sidney P.	do.	1.00	
Spears, Julian A.	do.	.25	
Staples, Jacob T.	do.	.20	
Stroup, Able C.	do.	1.00	
Sullivan, Jared D.	do.	1.00	
Sullivan, Rufus B.	do.	1.00	
Summers, John A.	do.	1.00	
Swaty, David R.	do.	1.00	19.17
Thompson, Benj. H.	do.	.62	
Thompson, George H.	do.	.66	
Tinsley, James B.	do.	.19	
Tolleson, Jos. G.	do.	1.00	
Trapnell, John G.	do.	1.00	
Turlington, Wm. H.	do.	1.00	
Turnbull, J. J.	do.	.75	
Underwood, Saml. A.	do.	.65	
Vaughan, J. B.	do.	.25	
Walker, Moses W.	do.	.66	
Warnock, John A.	do.	.61	
Wampler, Chas. W.	do.	.20	
Ware, Edmund E.	do.	.25	
Warriner, Benj. A.	do.	.25	
Waters, John Thomas	do.	.31	
Watson, F. M.	do.	.66	
Watson, Luther S.	do.	.25	
Westberry, R. W.	do.	1.00	
White, Nola	do.	.73	2.60
Williams, H. A.	do.	.66	
Williams, Ivan	do.	.53	
Williams, Ira W.	do.	1.00	
Williams, J. A.	do.	.62	
Williams, John F.	do.	.66	
Willis, Harris E.	do.	.31	
Willis, John W.	do.	1.00	
Winfree, Chas. A.	do.	.03	
Wood, Wm. G.	do.	.79	
Wright, W. S.	do.	.20	
Yarborough, A. F.	do.	.53	
Yates, William W.	do.	1.00	
Total		132,342.22	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration Work), \$175,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Telegraph.</i>	
Andrews Paper Co., R. P.	\$305.30	Postal Telegraph-Cable Co.	\$1.93
Ballantyne, R. Carter	17.90	Western Union Telegraph Co.	68.39
Carter's Ink Supply Co.	1.06		
Columbia Ribbon & Carbon Manufacturing Co.	20.75	Total	73.32
Contingent expenses, Department of Agriculture	163.22	<i>Telephone.</i>	
Lamb & Tilden	4.80	Chesapeake & Potomac Telephone Co.	6.00
Lincoln, Fred S.	68.90		
Lindemeyer, Philip	40.50	<i>Rent.</i>	
Stockett-Fiske Co.	28.00	Columbus Insurance & Banking Co.	72.00
Typewriter & Office Supply Co.	32.25		
United States Envelope Co.	1,401.20	<i>Apparatus, instruments, and laboratory material.</i>	
United States Paper Goods	145.45	Amusement Supply Co.	4.50
Valley Paper Co.	1,239.98	Franklin & Co.	2.95
		Schmidt, Fred A.	4.70
Total	3,469.31	Total	12.15
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field expenses.</i>	
American Multigraph Sales Co.	522.90	Acker, H. W.	7.95
Barteldes Seed Co.	30.40	Aldrich, A. A.	8.78
Beseler Co., Chas.	15.18	Alford, C. H.	325.70
Blow, J. A.	25.00	Allen, C. E.	5.55
Bordelon, Adam	30.00	Allen, J. O.	209.60
Clarke & Keller	70.00	Alsop, S. B.	7.70
Contingent expenses, Department of Agriculture	121.66	Ansley, E. P.	7.31
Crews, Nelson C.	4.75	Apple, W. J.	243.21
Glassell, John	20.00	Armstrong, James M.	43.35
Goodyear-Marshall Publishing Co.	12.65	Atcheson, T. S.	13.55
Gorham, Wm. H.	67.50	Aten, F. L.	9.85
Green, W. W.	10.00	Bailey, P. G.	48.60
Hutterly, A. O.	5.00	Ballard, John	17.05
Lambie Co., James B. (Inc.)	1.50	Barnett, J. C.	144.05
Lansburgh & Bro.	1.80	Barron, J. T.	45.05
Lowe Bros.	18.00	Barryhaf, George	9.60
Moore Co.	85.00	Bean, M. G.	8.00
Murphy Co., E. J.	3.82	Beeson, H. W.	7.50
National Supply Co.	7.00	Bell, Thomas	13.57
Rea Co., W. J.	9.50	Bentley, W. D.	429.12
Remington Typewriter Co.	1.75	Benton, A. F.	2.00
Robbins & Myers Co.	22.60	Binion, Robert L.	4.70
Sieber & Trussell Manufacturing Co.	9.20	Bishop, Geo. Lee	7.15
Smith & Bro. Typewriter Co., L. C.	1.00	Black, J. H.	10.88
Templeton, J. H.	44.00	Blackwell, T. L.	12.21
Tusten Seed & Produce Co.	9.10	Blount, E. Avery	11.34
Underwood Typewriter Co.	727.00	Booker, Jas. A.	16.45
United States Frame & Picture Co.	1.80	Bordelon, Avit C.	10.85
Woodward & Lothrop	26.85	Braswell, H. P.	13.85
Total	1,904.96	Brian, Hardy L.	16.15
<i>Furniture.</i>		Bridgers, Thos.	9.90
Booth Furniture & Carpet Co.	34.90	Brinley, J. F.	4.85
Derby Desk Co.	225.00	Brownfield, J. F.	10.30
Lee, B.	20.25	Brumfield, Chas. N.	12.50
Lincoln, Fred S.	172.80	Buchanan, J. L.	50.75
Moses & Sons, W. B.	24.05	Burley, C. B.	19.60
Yawman & Erbe Manufacturing Co.	347.40	Burnett, Frank P.	8.84
		Burrows, E. E.	11.60
Total	824.40	Butcher, Judge W.	14.00
<i>Express.</i>		Calhoun, Lucius M.	144.00
Adams Express Co.	6.53	Campbell, J. P.	151.81
United States Express Co.	6.45	Campbell, T. M.	401.53
		Campbell, W. W.	310.17
Total	12.98	Cauthen, J. B.	9.65
		Christian, Geo. A.	4.30
		Clarke, Frank	389.20
		Clayton, W. D.	12.65

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Coker, Wesley T.	\$4.66	Kuykendoll, M. L.	\$11.85
Coleman, V. P.	61.70	Latham, Albert M.	12.50
Conger, W. H.	7.30	Lee, J. J.	4.90
Conway, W. H.	6.07	Lewis, Wm. B. F.	13.15
Cook, C. M.	5.25	Lundy, Wm. B.	5.55
Council, James Russell.	8.64	McClung, Earl J.	8.10
Cowdin, E. P.	12.80	McConkey, J. L.	16.75
Coxwell, H. J.	70.07	McCord, John B.	7.70
Criss, W. M.	51.05	McDonald, A. A.	12.60
Crowder, Culver.	13.53	McDonald, W. H.	9.30
Daigle, Gabriel.	4.55	McGehee, John Hiram	4.85
David, Henry J.	8.95	McHalifey, J. H.	13.06
Davidson, R. C.	348.02	McPherson, W. N.	4.60
Davis, Walter E.	7.55	McQuittson, R. S.	6.19
Day, R. L.	9.00	McWilliams, J. T.	10.20
Dean, J. M.	12.30	Magee, W. L.	39.95
Dellinger, John F.	14.40	Maloney, George A.	59.65
Dexter, Wm. Hart.	62.52	Mardis, J. P.	67.49
Donnelly, J. A.	7.35	Markham, Louis A.	6.47
Duncan, L. N.	455.06	Marks, Tom M.	14.45
Durrenberger, Ira A.	10.10	Marsh, James A.	7.25
Early, Thos. A.	70.28	Martin, J. T.	7.05
Edwards, J. F.	9.75	Martin, O. B.	146.81
Egan, P. K.	57.82	Matherly, Wm. H.	13.25
Elliott, M. E.	7.01	Menatee, C. D.	9.07
Elrod, R. P.	12.20	Mereier, W. B.	71.10
English, W. L.	587.28	Miller, James L.	8.65
Erickson, John H.	3.65	Miller, Walter E.	3.71
Evans, E. L.	3.90	Mims, Edward.	13.27
Evans, Eddie Norman.	11.95	Mire, J. C.	52.15
Evans, J. A.	307.69	Mitchell, F. A.	9.05
Ferguson, F. F.	3.47	Mobley, H. S.	280.84
Fields, Robert O.	7.40	Moore, C. H.	4.75
Fontenot, R. C.	4.20	Moore, J. J.	497.54
Ford, W. M.	14.90	Moorman, Albert H.	4.60
Forrester, Dick Ray.	3.17	Morrow, A. A.	8.40
Ganzer, William.	142.45	Moss, B. L.	448.25
Garland, H.	4.95	Murphy, S. W.	5.48
Garner, Martin Van.	66.53	Myers, D. C.	11.25
Garner, P. P.	390.39	Newell, Ben Y.	12.08
Gordon, A. A.	10.18	Nichols, H. S.	320.58
Gray, J. E.	6.40	Nichols, W. F.	71.05
Greer, Jas. D.	4.25	Nixon, O. P.	7.18
Gregory, J. H.	106.35	Orms, Geo. W.	405.80
Haden, W. F.	8.88	Parks, J. D.	11.73
Hamilton, Pat. S.	3.35	Parlier, J. W.	4.50
Handley, Guy H.	7.27	Payne, Milton T.	11.40
Harrell, Alford G.	71.75	Perrin, L. E.	380.00
Harrison, J. N.	7.10	Peters, J. A.	9.13
Hathorn, H. Guy.	52.95	Phares, David L.	7.88
Hearst, J. P.	44.00	Phelps, J. C.	351.39
Helms, J. E.	70.01	Pinkley, Chas. H.	11.15
Henson, J. E.	9.90	Plunkett, Tom O.	88.30
Hester, Maon.	3.47	Price, W. T.	27.45
House, W. S.	75.15	Prince, A. H.	12.50
Hudson, W. C.	8.75	Proctor, W. F.	391.35
Huffman, M. E.	2.00	Pye, Geo. C.	7.10
Hughes, James O.	10.75	Quicksall, J. L.	530.37
Huling, Joel Albert.	11.15	Rabelois, Abel H.	20.50
Ives, Fred.	6.65	Randle, J. W.	44.85
Jackson, Beele M.	8.60	Reeder, John Wiley.	15.25
Jackson, Preston B.	11.14	Rhodes, Larkin T.	69.77
Jordan, J. H.	4.80	Risher, Geo. F.	13.90
Kell, Laurence C.	10.63	Rogers, J. E.	70.10
Kennedy, O. L.	12.85	Rooker, Jas. T.	11.63
Kimbrough, Argus L.	7.41	Ross, Isaac A.	4.60
King, J. C.	50.45	Roy, V. L.	136.66
Kirbrow, W. R.	8.75	Runnels, Lewis C.	11.55
Kizer, John R.	82.73	Sartain, Jno. W.	10.51
Knapp, Bradford.	161.65	Savely, H. E.	706.95
Knapp, S. A.	314.06	Schaub, T. O.	50.10
Knight, W. H.	84.95	Sebesta, Julius S.	11.65
Krause, H. M.	13.25	Simmons, Frank.	68.64



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (farmers' cooperative demonstration work), \$175,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Simms, Harry	\$24.67	Walton, T. O.	\$7.75
Sims, W. D.	6.70	Watson, C. W.	9.50
Sivils, Rufus M.	6.70	Watson, Wm. L.	21.05
Slack, Chas. J.	43.65	Watt, J. T.	504.28
Smith, Geo. T.	10.20	Wear, Albert E.	59.61
Snowden, Mason	301.02	Weeks, A. B.	6.25
Stallings, W. C.	70.55	Wemple, J. E.	269.00
Stansell, Jno. E.	15.60	Westbrook, J. D.	13.35
Staples, Jacob T.	4.60	White, John T.	7.50
Stephens, B. Z.	44.95	White, Nola	2.60
Strickland, D. B.	61.75	Whitehead, A. D.	52.43
Striplin, Chas. F.	4.99	Wilkins, P. P.	14.30
Sutton, Geo. R.	7.80	Williams, J. R.	4.48
Swann, H. C.	7.05	Williamson, J. F.	51.50
Tate, H. D.	489.80	Williamson, T. B.	4.61
Taylor, J. E.	8.00	Wilson, R. S.	395.06
Taylor, Wm. B., jr.	11.90	Windham, John S.	7.80
Terrell, T. E.	53.20	Winfrey, G. H.	9.55
Thomas, J. L.	13.25	Wood, Thos. B.	8.15
Truett, Jas. P.	6.35	Woodruff, A. S.	56.70
Tuggle, C. M.	64.33	Woods, B. E.	13.69
Turner, J. Roland.	4.75	Yelverton, R. S.	48.80
Vandiver, M. H.	4.55	Young, B. L.	7.70
Venable, Wm. R.	5.36	Young, W. E.	5.65
Waldrop, W. D.	11.40		
Waldrop, Wm. Thos.	6.25	Total	16, 187.67
Waltman, J. W.	6.05		

Total amount of appropriation.....\$175,000.00  
 Total expenditures under above groups.....169,236.05

Unexpended balance on Aug. 31, 1910.....5,763.95  
 Repayments to credit of appropriation.....7.50

Net unexpended balance.....5,771.45  
 Outstanding liabilities (estimated).....2,239.90

Balance to be turned back in Treasury (estimated).....3,531.55

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1909-10 (appropriated \$50,000), balance available July 1, 1909, \$32,633.53."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Martin, O. B.	Special agent, at \$2,000	\$1,000.00	
Campbell, James P.	Special agent, at \$1,800	900.00	
Savely, Harvey E.	Special agent, at \$150 per month.	900.00	
Nichols, H. S.	Special agent, at \$125 per month and \$80 per month.	660.00	
Slattery, John P.	Special agent, at \$125 per month.	87.50	\$73.32
Snowden, Mason	Special agent, at \$110 per month.	550.00	
Berryman, J. O.	Special agent, at \$100 per month.	366.67	
Clayton, Wm. D.	do	340.00	
Hanna, J. K. P.	do	373.33	
Lewis, Wm. B. F.	Special agent, at \$80 per month.	320.00	
Adams, George C.	Special agent, at \$75 per month.	150.00	
Allen, J. O.	do	225.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses Bureau of Plant Industry, 1909-10, \$32,633.53"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Barron, J. T. ....	Special agent, at \$75 per month.	\$285.00	.....
Bauanchaud, J. L. ....	do.	262.50	.....
Beeson, Horace W. ....	do.	262.50	.....
Bell, Thomas. ....	do.	262.50	.....
Booth, Mathew J. ....	do.	225.00	\$16.30
Braswell, Herbert F. ....	do.	97.50	.....
Brian, Hardy Lee. ....	do.	262.50	.....
Burley, C. B. ....	do.	262.50	.....
Calhoun, Lucius M. ....	do.	262.50	.....
Campbell, C. J. ....	do.	150.00	.....
Cauthen, James B. ....	do.	262.50	.....
Cumpton, Green L. ....	do.	262.50	4.35
Davis, John F. ....	do.	150.00	.....
Fields, Robt. O. ....	do.	262.50	.....
Fischer, Julius F. ....	do.	230.00	.....
Fitzpatrick, Jno. T. ....	do.	112.50	.....
Flowers, Chas. A. ....	do.	150.00	.....
Freiler, Amos K. ....	do.	262.50	.....
Gauzer, Wm. ....	do.	350.00	.....
Green, Edgar. ....	do.	300.00	.....
Guerrant, John R. ....	do.	62.50	.....
Hamilton, Pat S. ....	do.	262.50	.....
Krause, Henry. ....	do.	262.50	.....
Latham, Albert M. ....	do.	300.00	.....
McDonald, Wm. Henry. ....	do.	262.50	.....
McQuiston, Robt. S. ....	do.	262.50	.....
Orms, Lewis E. ....	do.	300.00	13.15
Parks, Jno. Douglas. ....	do.	262.50	.....
Payne, Milton T. ....	do.	262.50	.....
Ramsey, Wm. T. J. ....	do.	262.50	.....
Ross, Isaac A. ....	do.	262.50	.....
Smith, S. Garner. ....	do.	262.50	6.45
Snead, Wm. O. ....	do.	150.00	.....
Waldrop, Wm. D. ....	do.	180.00	.....
Waltman, J. W. ....	do.	262.50	.....
Walton, Thos. O. ....	do.	450.00	.....
Watson, Wm. L. ....	do.	262.50	.....
Wood, Thos. B. ....	do.	487.50	.....
Knapp, Seaman A., jr. ....	Special agent, at \$60 per month.	300.00	.....
Morrow, A. A. ....	Special agent, at \$50 per month.	175.00	.....
Newell, Ben Y. ....	do.	175.00	.....
Young, Wm. E. ....	do.	225.00	.....
Burnett, Frank P. ....	Special agent, at \$40 per month.	140.00	.....
David, Henry J. ....	do.	120.00	.....
Sheffer, Frank G. ....	do.	40.00	.....
Timmons, Edw. E. ....	do.	140.00	.....
Dean, J. M. ....	Special agent, at \$37.50 per month.	143.75	.....
Bellard, Pierre. ....	Collaborator, at \$25 per month.	87.50	.....
Bordelon, Avit C. ....	do.	87.50	.....
Clotiaux, Victorin. ....	do.	87.50	.....
Cowdin, L. D. ....	do.	37.50	.....
Durio, J. A. ....	do.	50.00	.....
Fontenot, Rene C. ....	do.	87.50	.....
Guillot, Arnet. ....	do.	87.50	.....
Hudson, Wm. C. ....	do.	87.50	.....
Rabalais, Abel H. ....	do.	87.50	.....
Slack, Charles J. ....	do.	87.50	.....
White, John Thos. ....	do.	75.00	.....
Total. ....		17,686.25	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1909-10, \$32,633.53"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Rent.</i>	
Andrews Paper Co., R. P.....	\$147.89	Columbus Insurance & Banking Co....	\$72.00
Ballantyne, R. Carter.....	3.67	<i>Apparatus, instruments, and laboratory material.</i>	
Columbia Ribbon & Carbon Manufacturing Co.....	1.63	Amusement Supply Co.....	39.50
Contingent expenses, Department of Agriculture.....	70.71	Bausch & Lomb Optical Co.....	57.96
Lindenmeyer, Philip.....	18.00	Lesse, M. A.....	2.33
Pitcher, E. H.....	36.86	Pullman, E. J.....	3.50
Stott & Co., Chas. G.....	72.50	Total.....	103.29
Swayze, W. L.....	2.00	<i>Travel and station and field expenses.</i>	
Union Envelope Co.....	17.84	Alford, C. H.....	19.25
United States Envelope Co.....	326.73	Allen, C. E.....	10.70
Valley Paper Co.....	297.00	Allen, J. O.....	14.70
Yawman & Erbe Manufacturing Co....	30.60	Alsop, S. B.....	5.65
Total.....	1,025.43	Apple, W. J.....	208.15
<i>Miscellaneous supplies, etc.</i>		Aten, F. L.....	10.85
American Multigraph Sales Co.....	28.22	Bailey, P. C.....	5.55
Bagley, R. O.....	28.74	Ballard, John.....	19.50
Barber & Ross.....	4.20	Barryhaf, George.....	9.60
Bates Numbering Machine Co.....	6.00	Barnett, J. C.....	469.26
Bell, C. C.....	20.00	Barron, J. T.....	18.50
Berman, M.....	13.00	Bananchard, J. La Fayette.....	7.70
Beseler Co., Chas.....	34.34	Bayless, A. C.....	3.75
Contingent expenses, Department of Agriculture.....	2.72	Bean, M. G.....	12.70
Davis, John S.....	58.85	Beeson, H. W.....	16.60
Du Perow, M.....	16.00	Bell, Thomas.....	17.89
Edwards, F. M.....	8.50	Bentley, W. D.....	476.78
Classill & Adger.....	38.00	Benton, A. F.....	12.81
Goodyear-Marshall Publishing Co.....	14.10	Berryman, J. O.....	16.80
Hartig, Louis.....	.75	Bishop, Geo. Lee.....	15.72
Hastings & Co., H. C.....	13.75	Black, J. H.....	9.70
Hightower, J. F.....	61.50	Booth, Matthew J.....	16.30
Kansas City Hay Press Co.....	83.45	Bordelon, Avit C.....	8.80
Kellogg Switchboard & Supply Co.....	8.72	Brian, Hardy L.....	8.60
Lovelace, J. D.....	30.00	Bridgers, Thos.....	11.90
Meacham, F. T.....	50.00	Brumfield, Chas. N.....	17.45
Palmer & Co., C. F.....	10.00	Buchanan, J. L.....	14.31
Pearce, L. F. C.....	65.46	Burley, C. B.....	16.25
Oliver, J. T.....	57.20	Burnett, Frank P.....	15.29
Remington Typewriter Co.....	2.90	Butcher, Judge W.....	14.35
Scott, Charles.....	168.83	Cain, W. H.....	14.50
Scruggs, T. C.....	16.50	Calhoun, Lucius M.....	6.95
Typewriter & Office Supply Co.....	20.50	Campbell, J. P.....	135.85
Underwood Typewriter Co.....	265.50	Campbell, T. M.....	228.08
Vick, R. T.....	12.75	Campbell, W. W.....	148.72
Williams, C. A.....	200.00	Cauthen, J. B.....	16.75
Woodruff, A. S.....	100.00	Clayton, W. D.....	22.00
Woodward & Lothrop.....	37.58	Clotiaux, Victorin.....	13.45
Total.....	1,478.06	Conner, A. B.....	48.35
<i>Furniture.</i>		Conway, W. H.....	13.57
Derby Desk Co.....	27.00	Cook, C. M.....	10.65
Lincoln, Fred S.....	44.00	Corley, J. W. L.....	15.93
Moses & Sons, W. B.....	66.80	Cowdin, E. P.....	9.50
Yawman & Erbe Manufacturing Co....	72.67	Criss, W. M.....	14.95
Total.....	210.47	Cumpton, G. L.....	4.35
<i>Freight.</i>		Davidson, R. C.....	387.34
Knox Express Co., Geo. W.....	.25	Davis, Walter E.....	9.30
<i>Express.</i>		Dean, J. M.....	6.05
Adams Express Co.....	7.03	Dellinger, John F.....	296.89
United States Express Co.....	1.15	Duncan, L. W.....	280.08
Total.....	8.13	Durrenberger, Ira A.....	10.95
		Earley, Thos. A.....	9.10
		Edwards, J. F.....	3.30
		Egan, P. K.....	9.10
		Elliott, M. E.....	17.80
		Elrod, R. P.....	14.30
		English, W. L.....	18.71
		Erickson, John H.....	7.55
		Evans, J. A.....	469.84
		Ferguson, F. F.....	18.43
		Fields, Robert O.....	6.25



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1909-10—\$32,633.53"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses— Continued.</i>		<i>Travel and station and field expenses— Continued.</i>	
Fischer, Julius F.	\$ 16.95	Perrin, L. E.	\$405.05
Fountain, R. C.	14.85	Phelps, J. C.	504.15
Frieler, A. K.	9.80	Pinkley, Chas. H.	15.95
Ganzer, William.	66.90	Plunkett, Tom O.	13.90
Garner, P. P.	238.94	Price, W. C.	12.80
Gordon, A. A.	8.70	Proctor, W. C.	11.30
Gray, J. E.	14.95	Proctor, W. F.	499.16
Green, Edgar.	23.65	Quicksall, J. L.	696.44
Greer, Jas. D.	12.45	Rabolois, Abel H.	11.65
Gregory, J. H.	3.00	Raines, J. M.	7.50
Hathorn, H. Guy.	26.00	Ramsey, W. T. J.	10.75
House, W. S.	13.12	Rhodes, Larkin T.	12.97
Hudson, W. C.	13.15	Risher, Geo. F.	11.00
Huffman, L. J.	15.45	Ritch, G. A.	7.37
Huffman, M. E.	16.15	Rogers, J. E.	8.00
Huling, Joel Albert.	6.86	Ross, Isaac A.	9.01
Jackson, Beebe M.	16.06	Runnells, T. M.	16.05
Johnson, C. J.	10.34	Savely, H. E.	286.15
Kennedy, O. L.	7.65	Sebesta, Julius S.	10.79
Kile, James M.	10.61	Simmons, Frank.	16.45
Kimball, W. E.	7.95	Sims, W. D.	13.10
Kimbrough, Argus L.	8.95	Sivils, Rufus M.	11.76
Knapp, S. A.	255.94	Slattery, John P.	73.32
Knight, W. H.	13.31	Smith, Geo. T.	13.65
Krause, H. M.	10.30	Smith, S. G.	6.45
Kuykendoll, M. L.	9.70	Snowden, Mason.	350.76
Latham, Albert M.	14.40	Stallings, W. C.	32.40
Lee, J. J.	15.85	Stansell, Jno. E.	11.90
Lewis, Wm. B. F.	9.35	Staple, Jacob T.	9.97
Lundy, Wm. B.	11.65	Stephens, B. Z.	9.00
McClung, Earl J.	4.75	Sutton, Geo. R.	4.25
McConkey, J. L.	18.75	Swann, H. C.	11.35
McCord, John B.	7.65	Swatz, David R.	19.17
McDonald, W. H.	7.70	Tate, H. D.	624.99
McHaffey, J. H.	6.40	Timmons, E. E.	9.10
McKnight, J. B.	16.50	Turner, J. Roland.	15.46
McPherson, W. N.	19.96	Vandiver, M. H.	7.75
McQuiston, R. S.	16.15	Venable, Wm. R.	11.10
McWilliams, J. T.	15.55	Wade, James A.	144.49
Maloney, George A.	19.90	Waldrop, W. D.	14.10
Markham, Louis A.	12.06	Waldrop, Wm. Thos.	14.11
Marks, Tom M.	13.60	Waltman, J. W.	14.35
Martin, O. B.	495.42	Walton, E. J.	12.15
Mercier, W. B.	106.49	Watson, C. W.	29.35
Milford, W. W.	18.38	Watson, Wm. L.	14.25
Mims, Edward.	16.70	Watt, J. T.	14.41
Moore, C. H.	4.75	Wemple, J. E.	224.20
Moore, J. J.	497.09	Westbrook, J. D.	19.99
Moorman, Albert H.	21.45	White, John T.	15.40
Morrow, A. A.	15.50	Whitehead, A. D.	6.95
Moss, B. L.	617.97	Wilkins, P. P.	13.80
Murphy, S. W.	9.36	Wilson, R. S.	670.68
Newell, Ben Y.	10.90	Winfrey, G. H.	15.35
Nichols, H. S.	15.58	Wood, Thos. B.	22.00
Orms, Geo. W.	23.45	Woodruff, A. S.	11.85
Orms, L. E.	13.15	Young, W. E.	14.60
Owens, L. D.	114.48		
Parks, J. D.	24.75	Total	11,928.42
Payne, Milton T.	13.10		

Total amount of appropriation.....\$32,633.53

Total expenditures under above groups.....32,612.35

Unexpended balance on Aug. 31, 1910.....121.18

Outstanding liabilities (estimated).....13.35

Balance to be turned back in Treasury (estimated).....107.83

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation,  
 "General expenses, Bureau of Plant Industry, 1910 (dry-land agriculture), \$31,760."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Chilcott, E. C.....	Agriculturist, at \$2,750.....	\$2,750.00	\$433.28
<i>Out of Washington.</i>			
Jensen, Charles A.....	Agriculturist, at \$1,800.....	55.00	221.45
Cole, John S.....	Expert, at \$1,800.....	1,800.00	981.25
Knorr, Fritz.....	Expert, at \$1,620.....	472.50	493.03
Reed, Hiram R.....	Expert, at \$60 per month, and assistant, at \$1,080.	900.00	153.30
Payne, James E.....	Assistant, at \$1,500.....	1,125.00	459.75
Burr, Wm. W.....	Assistant, at \$1,400.....	1,400.00	187.42
Grace, Oliver J.....	do.....	933.34	116.25
Kennard, F. L.....	do.....	1,400.00	666.26
Chilcott, Ellery F.....	Assistant, at \$1,200.....	1,200.00	378.00
Stephens, John M.....	Special agent, at \$1,600.....	1,600.00	552.58
Plath, Clarence H.....	Special agent, at \$80 per month, and assistant, at \$960.	960.00	207.20
Thysell, John C.....	do.....	960.00	278.63
Hallsted, A. L.....	Special agent, at \$75 per month, and assistant in dry-land agriculture, at \$1,200.	1,050.00	225.41
Schollander, E. G.....	Collaborator, at \$1 per month.....	12.00	.....
Evans, Wm. L.....	Laborer, at \$720.....	612.00	.....
Martin, Homer.....	Laborer, at \$60 per month.....	240.00	.....
Bell, Ray.....	Laborer, at \$40 per month.....	100.00	.....
Haines, Alice.....	Laborer, at \$20 per month.....	30.67	.....
Andrews, J. F.....	Unskilled laborer, at \$60 per month.....	100.00	.....
Clift, Wallace.....	do.....	104.00	.....
Haines, W. M.....	do.....	180.00	.....
Reid, Lynn C.....	do.....	60.00	.....
Mathews, W. P.....	Unskilled laborer, at \$55 per month.....	82.50	.....
Reid, Agnes H.....	Unskilled laborer, at \$20 per month.....	60.00	.....
Total.....		15,437.01	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.....	\$8.64	Capps, W. H.....	\$24.30
Auto Pen & Ink Manufacturing Co.....	3.50	Carroll Electric Co.....	.66
Ballantyne, R. Carter.....	6.00	Carter, M. B.....	66.50
Baumgarten & Sons, J.....	7.00	Contingent expenses, Department of	
Contingent expenses, Department of		Agriculture.....	50.29
Agriculture.....	106.63	Dalhart Grain & Coal Co.....	391.70
Lamb & Tilden.....	1.82	Dalhart Transfer Co.....	21.00
Library Bureau.....	10.00	Dickinson, C. E.....	1.50
Lincoln, Fred S.....	22.00	Dole, John F.....	18.15
Lindemeyer, Philip.....	2.55	Evans, W. L.....	36.00
Stott & Co., Chas. G.....	8.10	Farr, W. T.....	37.75
Swayze, W. L.....	3.87	Farris, G. W.....	200.00
Total.....	180.11	Fisher, B. A.....	106.42
<i>Miscellaneous supplies, etc.</i>		Fisher, J. B.....	29.25
Akron Drug Co.....	19.48	Griffy, Tol.....	19.58
Akron-Otis Lumber & Supplies Co.....	160.98	Heather, Gordon.....	57.00
Andrews, J. F.....	100.00	Heiserman & Son, J. F.....	70.00
Barteldes Seed Co.....	35.50	Hill, J. M.....	3.00
Bateman Manufacturing Co.....	12.00	Holland, B. B.....	49.95
Beers & Son, Frank.....	20.00	Home Grocery Co.....	2.55
Broderick, M. F.....	15.00	Jacobs, Wm.....	5.00
Brodtkorb, A. C.....	3.78	Janesville Machine Co.....	22.92
Brown, W. J.....	250.00	Joyce Engraving Co., Maurice.....	6.00
		Judith Basin Merchandise Co.....	100.00
		Knapp, L. F.....	49.00
		Lewis, M. W.....	364.69





## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (western agricultural extension), \$76,680."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Scotfield, C. S.	Agriculturist, at \$2,760.	\$2,760.00	
Jensen, C. A.	Agriculturist, at \$1,800.	150.00	\$975.95
Mowry, H. H.	Expert, at \$1,600, and assistant, at \$1,600.	1,066.66	
Bunting, J. D.	Special agent, at \$60 per month.	312.00	
Wood, George A.	Clerk, at \$1,200.	1,160.00	
Taylor, J. A.	Clerk, at \$900.	900.00	208.80
Stevenson, Perry J.	Messenger boy, at \$360.	15.00	
Total.		6,363.66	
<i>Out of Washington.</i>			
Mason, S. C.	Arboriculturist, at \$2,280.	950.00	
Jensen, Chas. A.	Agriculturist, at \$1,800.	1,595.00	
Headley, Frank B.	Assistant agriculturist, at \$1,500.	1,500.00	626.17
Heald, F. D.	Expert, at \$7 per diem.	432.25	222.05
Irish, John P., jr.	Expert, at \$1,800, and agent, at \$1,800.	1,800.00	690.60
Hawley, Alden M.	Expert, at \$1,620.	1,620.00	168.67
Knorr, Fritz.	do.	999.00	
Schattemberg, G. A.	Expert, at \$5 per diem.	20.00	
Wolf, Fredk. A.	Expert, at \$4 per diem.	338.00	147.80
Fulkerson, Vincent.	Expert, at \$1,200, and agent, at \$1,200.	1,200.00	25.00
Mathews, Oscar R.	Expert, at \$100 per month.	1,200.00	159.53
Hansen, Dan.	Expert, at \$1,020, and agent, at \$1,020.	1,020.00	76.75
Ware, John F.	Expert, at \$85 per month, and agent, at \$85 per month.	538.33	
Peterson, Wm. A.	Farm superintendent, at \$1,400 and \$1,620.	1,482.49	2,118.39
Hastings, Stephen H.	Farm superintendent, at \$1,200 and \$1,380.	1,272.50	615.35
Rogers, Shober J.	Farm superintendent, at \$1,200.	300.00	87.30
Aune, Beyer.	Special agent, at \$1,800.	1,800.00	423.87
Hinman, William J.	Special agent, at \$5 per diem.	55.00	
Onderdonk, Gilbert.	do.	20.00	
Peterson, Fred O.	Special agent, at \$80 per month.	832.00	
Whitcomb, Wm. O.	Special agent, at \$80 per month, and assistant in dry-land agriculture, at \$960.	960.00	243.75
Kempton, James.	Special agent, at \$45 per month.	144.00	
Petit, Henry.	Agent, at \$75 per month.	577.50	
Gooch, Chas. L.	Gardener, at \$60 per month.	660.00	108.95
Lewis, Claude I.	Collaborator, at \$60.	60.00	
Allen, Ralph W.	Collaborator, at \$120.	120.00	
Gilman, R. W.	Laborer, at \$60 per month.	180.00	
Jellison, Bert.	do.	150.00	
Knox, John W.	do.	387.00	
Koop, Edw. J.	do.	60.00	
Langer, Henry F.	do.	540.00	
Mattice, Norman L.	do.	20.00	
Pelton, C. T.	do.	580.00	
Shumaker, William.	Laborer, at \$85 per month.	153.70	
Langer, Albert.	Laborer, at \$2 per diem.	49.99	
Shumaker, Joseph.	Laborer, at \$50 per month.	422.49	
Wells, Fred E.	do.	50.00	
Williams, Roscoe D.	do.	100.00	
Kendrick, Allie L.	Laborer, at \$45 per month.	227.50	
Cooper, Daniel R.	Laborer, at \$40 per month.	120.00	
Hooker, Aaron.	do.	81.34	
Gilbert, Grover B.	Laborer, at \$35 per month.	52.50	
Guerrero, Emilio.	Laborer, at \$1 per diem.	28.00	
Kendrick, Ella F.	Laborer, at \$20 per month.	110.00	
Konze, Elizabeth.	do.	50.00	
Toler, John I.	Unskilled laborer, at \$2.50 per diem.	227.51	
Bill, Bert S.	Unskilled laborer, at \$60 per month.	60.00	
Braam, Henry.	do.	126.00	
Busse, Felix.	do.	192.00	
Harrington, J. W.	do.	60.00	
Peterson, C. E.	Unskilled laborer, at \$60 per month, and assistant in arboriculture, at \$1,020.	421.00	
Torkelson, C. A.	Unskilled laborer, at \$60 per month.	174.00	
Holland, W. H.	Unskilled laborer, at \$2.30 per diem.	110.40	
Toler, Edward L.	Unskilled laborer, at \$2 per diem.	36.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (western agricultural extension), \$76,680"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ohlin, Ole Nelson	Unskilled laborer, at \$50 per month	\$100.00	
Johnson, Frank	Unskilled laborer, at \$44 per month	44.00	
Schattenberg, A. G.	Unskilled laborer, at \$40 per month and \$60 per month.	312.00	
Guerrero, Felipe	Unskilled laborer, at \$35 per month.	420.00	
Guerrero, Joe	do.	420.00	
Robinson, George E.	do.	25.67	
Eiker, Elmer	Unskilled laborer, at \$30 per month.	75.00	
Carr, Walter P.	Unskilled laborer, at \$25 per month, and \$50 per month.	437.50	
Lewis, Owen	Unskilled laborer, at \$25 per month.	75.00	
Poteet, Martha E.	do.	87.50	
Bacon, Elizabeth J.	Unskilled laborer, at \$20 per month.	54.00	
Lyon, Florence L., Mrs.	do.	68.00	
Total		28,412.18	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Writing Paper Co.	\$147.42	Baker, E. J.	\$4.00
Andrews Paper Co., R. P.	64.24	Baker Manufacturing Co.	145.00
Andrus & Church	3.73	Baker & Hamilton	106.35
Ballantyne, R. Carter	4.29	Baldwin, Geo. T.	17.70
Baumgarten & Sons, J.	10.50	Baldwin Hardware Co.	4.35
Columbia Ribbon & Carbon Manufacturing Co.	19.50	Barteldes Seed Co.	26.98
Contingent expenses, Department of Agriculture.	52.54	Bateman Manufacturing Co.	64.20
Crocker Co., H. S.	9.57	Bauer & Black	1.00
District of Columbia Paper Manufacturing Co.	18.00	Beaty, Leslie	22.00
Gaylord Bros.	.75	Beaudreau, H. E.	50.00
Lamb & Tilden	2.75	Becker's Leather Goods Co.	14.30
Library Bureau	5.00	Beers & Son, Frank	446.20
Maverick-Clarke Lithograph Co.	48.70	Bemis, J. S.	48.00
Morrison Paper Co., E.	1.50	Bernstein Manufacturing Co.	19.50
Reeves, Francis R.	7.90	Better Fruit Publishing Co.	2.00
Schmidt, Fred A.	56.58	Biddle, James G.	61.50
Sieber & Trussell Manufacturing Co.	14.00	Big Basin Lumber Co.	49.38
Swayze, W. L.	18.22	Bill, B. S.	5.25
Union Envelope Co.	18.72	Bonegger Mercantile Co.	1.80
United States Envelope Co.	29.49	Bonniwell, P. M.	234.50
Yawman & Erbe Manufacturing Co.	54.53	Boston Store	25.23
Total	587.93	Bradford, C. A.	114.10
<i>Miscellaneous supplies, etc.</i>		Bradley Co., J. R.	21.50
Adams & Adams	15.10	Branhall-Deane Co.	108.75
Alamo Sash & Door Co.	55.58	Bratton, N. M.	204.11
Allen & Co., S. L.	139.91	Braunschweig, Briam Reich Co.	10.35
American Can Co.	8.40	Breeder's Gazette	1.75
American Screen & Furniture Co.	256.50	Brentano's	251.73
American Steel Pipe & Tank Co.	62.00	Brieger Mercantile Co.	2.00
Anderson Lumber Co., J. F.	47.25	Burnett Co., R. L.	4.16
Arnold & Co., P. J.	33.35	Burnham, Sumner	52.50
Arnold, T. M.	3.00	Burroughs Adding Machine Co.	477.28
Austin Nursery	7.74	Burton, A. C.	13.46
Axtell Co., F. W.	65.12	Bushnell Co., Alvah	2.00
Axtell-Algelt Co.	121.56	Bushnell Co., W. F. T.	.60
Babbitt, T. R.	25.00	Butts & Cleveland	60.75
Bacon Pecan Co., M. C.	36.00	Calhoun, H. O.	25.45
		California Fruit Grower	2.00
		Campbell-Petty Lumber Co.	17.69
		Carl, Frederick	6.50
		Chase, Isaac H.	2.60
		Clark, Geo. H.	24.45
		Coe, Chas. E.	2.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910 (under appropriation "General expenses, Bureau of Plant Industry, 1910 (western agricultural extension), \$76,680"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Caffrin, C. A. ....	\$321.74	Holm, Theo. ....	\$30.00
Collins Hardware Co., S. W. ....	314.90	Howard, Geo. ....	44.00
Colorado River Lumber Co. ....	20.29	Howie, C. E. ....	30.00
Conner, Thos. V. ....	32.00	Humphreys, H. B. ....	43.75
Contingent expenses, Department of Agriculture .....	65.87	Huntley Lumber Co. ....	50.50
Cooper, J. W. ....	19.65	Hurn, Geo. R. ....	39.05
Cooper & Stillson, Riegel. ....	22.00	Hussong, John J. ....	63.88
Crane, E. L. ....	48.18	Huth Seed Co., C. W. ....	28.10
Cruz, Marcus. ....	98.00	Huttman, John. ....	28.82
Culbertson, O. P. ....	176.00	Illsley, H. E. ....	66.00
Cultivator Publishing Co. ....	2.00	Improved Mailing Case Co. ....	9.25
Cuning, E. C. ....	144.00	Indiana Farmer Co. ....	1.20
Curtiss, C. ....	30.00	Inland Empire Lumber Co. ....	182.70
Dahl, Peter. ....	26.25	Irrigation Age Co. ....	4.00
Dean, J., jr. ....	280.50	Irvin, H. T. ....	48.15
Deere & Webster Co. ....	106.24	Jellison, Bert. ....	29.90
DeMund, A. L. ....	521.36	Johns-Manville Co., H. W. ....	41.44
Dennison Manufacturing Co. ....	6.50	Jones & McCall. ....	351.81
Detroit Heating & Lighting Co. ....	17.89	Joske Bros. Co. ....	59.98
Dielmann, J. C. ....	55.04	Joyce Engraving Co., Maurice. ....	1.00
Dishon & Son, M. ....	87.25	Kansas Farmer Co. ....	3.00
Dolbeer, W. H. ....	58.00	Kelley, J. F. ....	150.00
Dorchester & Rose. ....	.80	Kent Co., I. H. ....	1,027.28
Draper Manufacturing Co. ....	1.86	Kesel, Fred J. ....	4.25
Dulin & Martin Co. ....	4.05	Key, Tom F. ....	21.00
Eberly's Sons, A. ....	7.50	Killefer Manufacturing Co. ....	17.00
Eccles, J. C. ....	46.77	K. K. K. Store. ....	9.00
Edmonston, Chas. R. ....	5.00	Knox, Edward W. ....	13.20
Elker, E. ....	27.00	Knox, John. ....	60.75
Ennis & Son, Geo. T. ....	5.01	Koeppen & Bros., A. C. ....	2.60
Eriksen, O. ....	40.50	Lacy Manufacturing Co. ....	20.75
Esselburn, L. ....	19.00	Lambie Co., Jas. B. (Inc.). ....	.38
Etten, Albert F. ....	30.00	Lamborn, J. W. ....	18.00
Fairbanks Co. ....	3.20	Lancaster, W. H. ....	41.55
Fairbanks, Morse & Co. ....	518.75	Lane, B. B. ....	5.10
Fairbury Nurseries. ....	18.49	Langer, Albert. ....	320.00
Fancher Creek Nurseries. ....	43.34	Langer, Henry F. ....	12.00
Farm Implement News Co. ....	4.00	Lawson, L. M. ....	28.64
Farmers Implements & Supply House. ....	433.65	Leonard Coates Nursery Co. (Inc.). ....	7.25
Farmers' Tribune Co. ....	1.00	Lewis, M. ....	5.50
Fiske, Samuel. ....	48.00	Logan, C. C. ....	249.01
Foot Machinery House, Geo. W. ....	40.00	Longhorn, M. L. ....	65.45
Forbes, R. H. ....	23.75	Longhorn, Raymond. ....	37.40
Fosset, Olen. ....	41.00	Longhorn, W. R. ....	36.30
Francher Creek Nurseries. ....	9.55	Lowdermilk & Co., W. H. ....	92.07
Fruit Grower. ....	49.00	Lugo, Mike. ....	87.25
Funk, E. S. ....	9.00	Lund, Silas L. ....	1.50
Gay Hardware Co., A. S. ....	121.47	Lutz & Co. ....	49.00
German Nurseries & Seed House. ....	30.20	Lyons, W. B. ....	36.00
Gichner, Fred L. ....	5.76	Maass, George. ....	226.60
Gimbel, Ellis A. ....	27.58	Marable, Geo. S. ....	1,000.00
Glaize, A. C. ....	2.50	Marable, W. T. ....	34.00
Glen St. Mary Nurseries Co. ....	59.85	Marean, Herbert W. ....	83.33
Goldman & Co. ....	21.00	Maupin, E. J. ....	6.60
Gorden, J. C. ....	150.00	Maxwell Land & Irrigation Co. ....	39.46
Gurney Seeds Nursery Co. ....	35.30	Mebane Improved Triumph Cotton Seed Co., A. D. ....	3.00
Haas, Jos. S. ....	5.00	Meldrum, Wm. ....	43.75
Hadley, B. O. ....	10.32	Mintener Lumber Co., Peter. ....	178.01
Hancock, C. H. ....	25.25	Moen, A. J. ....	6.00
Harding, R. C. ....	10.00	Monsell & Matthews. ....	64.82
Harris & Shafer Co. ....	8.83	Montgomery Lumber Co. ....	48.60
Hartig, Louis. ....	.21	Montgomery, Ward & Co. ....	39.65
Hawley, King & Co. ....	32.99	Moore, S. E. ....	122.55
Hazleton, E. P. ....	1.25	Musselman, J. K. ....	6.50
Heavener, John. ....	44.85	Muth & Co., Geo. F. ....	80.26
Henkelorn, D. Fan. ....	42.00	Nache, Antonio. ....	81.00
Hermiston Mercantile Co. ....	127.37	National Electrical Supply Co. ....	7.75
Heye, D. ....	5.75	Neal, Jack W. ....	307.30
Hillyer-Deutch-Jarratt Co. ....	466.90	Neal Mercantile Co. ....	193.47
Hilyard, P. J. ....	45.00	Nebraska Farmer Co. ....	1.00
Hiskey, G. B. ....	76.50	Nelson, F. T. ....	101.50
Hoegee Co., Wm. H. ....	30.75	Northrup King Co. ....	20.80
Holland, W. H. ....	27.50	Northwestern Horticulturist. ....	.50
		Ohlin, Enoch. ....	86.00



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (western agricultural extension), \$76,680"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ohlin, Olen.....	\$40.00	Thompson, Russell.....	\$17.50
O. K. Transfer Co.....	35.00	Thompson & Hill.....	59.00
Oliver, C. T.....	40.79	Thomson-Diggs Co.....	70.68
Orange-Judd Co.....	2.00	Tips Hardware Co.....	204.26
Oregon Agriculturist.....	.50	Toler, J. I.....	255.60
Oregon Hardware & Implement Co.....	75.81	Tonopah Lumber Co.....	213.99
Osgood Scale Co.....	134.50	Topham, James S.....	11.75
Pacific Rural Press.....	11.00	Truckalena, Juan.....	90.00
Pajuranta, John.....	109.32	Typewriter & Office Supply Co.....	2.40
Parks & Parks.....	94.25	Umatilla Storage & Commission Co.....	146.17
Pelton, C. T.....	60.75	Underwood Typewriter Co.....	321.75
Percy, Chas.....	8.06	Union Hardware & Metal Co.....	98.41
Perry Co., Chas. E.....	7.25	Vannoy, J. W.....	123.85
Peters, John.....	73.00	Van Wald, W. A.....	40.00
Peterson Plow & Wagon Works.....	43.00	Varga, A.....	6.50
Pierce, O. F.....	5.00	Wadin, John.....	19.95
Pioneer Livery.....	46.50	Wallace's Farmer.....	4.00
Pitts-Weid Lumber Co.....	45.52	Walter, T. P.....	32.80
Ramsey, F. M.....	10.50	Ward & Sons, Edgar.....	33.26
Ramsey, H. M.....	49.50	Webb Publishing Co.....	1.25
Ramsey Currier Co.....	500.00	Welch, Mrs. F.....	10.00
Randolph Paper Box Co.....	40.50	Wells & Muth.....	173.05
Rawson Hardware Co.....	4.75	West, J. J.....	188.18
Reclamation Service, United States.....	622.27	White, Waldo.....	8.50
Reno Mill & Lumber Co.....	14.50	Whyte, Warren M.....	124.00
Riley & Tyler.....	49.50	Wiegand, Martin.....	155.75
Robbins & Myers Co.....	22.60	Wilkinson & Harp.....	34.80
Roberts, Wm.....	6.00	Williams, John M.....	62.00
Rogers Lumber Co.....	70.30	Williams, J. R.....	475.00
Root, Chas.....	15.00	Williams, Warren W.....	25.43
Rosebrough & Co.....	144.85	Wilsie, W. E.....	18.50
Rudolph & West Co.....	1.68	Wilson, C. A.....	420.00
Rural Publishing Co.....	5.00	Wilson, Ed.....	23.75
Rushby, Wm.....	35.70	Wilson, H. C.....	150.00
San Antonio Irrigation Co.....	18.75	Wolf, Herman.....	125.32
San Antonio Machine & Supply Co.....	24.80	Wolf & Nichols.....	40.52
San Antonio Tent & Awning Co.....	11.50	Wonder Lumber Co.....	118.31
Sanguinetti, E. F.....	631.83	Wood, J. A.....	2.00
Schattenberg, C. A.....	24.42	Woodliff & Son, Thomas.....	4.65
Scherer Co., John C., jr.....	4.75	Wrang, George.....	80.45
Schmid, Edw. S.....	2.95	Wyckoff, W. T.....	9.50
Schuwirth & Co., Wm. C.....	2.70	Yegan Bros. (Inc.).....	105.50
Scott, R. A.....	182.62	Young, J. R.....	65.75
Seffel & Son, Stephen.....	61.55	Yuma Hardware Co.....	212.82
Semple, J. A.....	32.00	Yuma Harness Co.....	140.65
Shepherd & Co., R. E.....	150.75	Yuma Supply Co.....	24.50
Shotwell, J. K.....	23.00	Yuma Water & Light Co.....	10.00
Shumaker, Wm.....	224.80		
Silverberg's Art Store.....	3.00	Total.....	25,176.06
Simson, Claude A.....	52.50		
Smiley-Gay Hardware Co.....	93.67	<i>Furniture.</i>	
Smith, B. W.....	192.45	Alamo Sash & Door Co.....	3.75
Smith Bros. Typewriter Co., L. C.....	163.00	Barghauser, A. C.....	540.00
Smith Printing Co., Robt.....	10.84	Breuner Co., John.....	60.00
Smith, Zay.....	3.50	Conover & Co., C. M.....	44.50
Snow, D. J.....	32.00	Derby Desk Co.....	144.10
Somerville Co., Thos.....	3.50	Frost, H. E.....	83.50
Southern Plumbing Co.....	23.00	Gimbel, Ellis A.....	11.42
Southern Printers' Supply Co.....	6.00	Hart & Cooley Co.....	22.62
Spalding & Bros. Manufacturing Co., H. G.....	4.18	Household Furniture Store.....	52.70
Speer Gas Machine Manufacturing Co.....	315.00	Lansburgh Furniture & Carpet Co., J.....	2.94
Staacke Bros.....	125.00	Library Bureau.....	33.00
Staiger, W. C.....	40.00	Lincoln, Fred S.....	24.60
Standard Oil Co.....	36.77	Maverick-Clarke Lithograph Co.....	35.05
Star Drug Store.....	2.50	Moses & Sons, W. B.....	26.10
Stephens, E. F.....	31.21	Schmidt, O. H.....	90.00
Sunset Magazine.....	1.50	Setzler Co., Geo.....	36.70
Telford & Son.....	4.50	Stowers Furniture Co., G. A.....	38.25
Texas Farm & Ranch Publishing Co.....	1.00	Woodruff Manufacturing Co.....	171.50
Texas Horse & Mule Co.....	350.00	Yawman & Erbe Manufacturing Co.....	911.26
Texas Seed Breeding Farms.....	5.00		
Texas Stockman & Farmer Publishing Co.....	1.00	Total.....	2,133.99

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (western agricultural extension), \$76,680"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Fuel.</i>		<i>Apparatus, instruments, and laboratory materials—Continued.</i>	
Burton, A. C. ....	\$12.90	Boyd & Co., F. O. ....	\$23.19
Harris & Pettigrew .....	51.58	California Fertilizer Works .....	41.50
Lamm-Schuwirth .....	5.00	Eastman Kodak Co. ....	47.70
Likes Bros. ....	7.00	Elmer & Amend .....	38.93
Mintener Lumber Co., Peter .....	15.75	Friez, Julien P. ....	185.00
Total .....	92.23	Gartner & Co., Wm .....	48.00
<i>Freight.</i>		Gilman, Z. D. ....	1.50
Chicago & Northwestern Ry. Co. ....	2.08	Green, Henry J. ....	21.70
Chicago, Rock Island & Gulf Ry. ....	9.63	Greiner, Co., Emil .....	15.92
Galveston & Harrisburg & San Antonio Ry. ....	6.41	Gurley, W. & L. E. ....	125.50
Knox Express Co., Geo. W. ....	3.00	Keufel & Esser Co. ....	15.65
Morgan's Louisiana & Texas R. R. & Steamship Co. ....	9.93	Lewis, J. L. ....	1.40
Oregon R. R. & Navigation Co. ....	16.96	Machlett & Son, E. ....	7.20
Pennsylvania Ry. Co. ....	.50	Mackall Bros. ....	.48
Southern Pacific Co. ....	181.13	Pacific Guano & Fertilizer Co. ....	46.05
Total .....	229.64	Roach & Barnes Co. ....	55.27
<i>Express.</i>		San Antonio Drug Co. ....	5.50
Adams Express Co. ....	280.09	Schloer, Frank H. ....	260.00
United States Express Co. ....	28.80	Schmidt, Fred A. ....	1.42
Total .....	308.89	Schneider Bros. ....	31.20
<i>Telegraph.</i>		Sheetz, W. Silas .....	264.08
Postal Telegraph-Cable Co. ....	1.94	Thomas Co., A. H. ....	2.98
Western Union Telegraph Co. ....	97.40	Total .....	1,678.42
Total .....	99.34	<i>Travel and station and field expenses.</i>	
<i>Telephone.</i>		Anne, Beyer .....	423.87
Chesapeake & Potomac Telephone Co. ....	6.40	Belz, J. O. ....	255.30
Eastern Oregon Independent Telephone Co. ....	23.00	Briggs, L. J. ....	257.00
Eureka Telephone Co. ....	50.85	Drummond, Bruce .....	12.00
Southwestern Telephone & Telegraph Co. ....	20.80	Fulkerson, V. ....	25.00
Total .....	101.05	Cooch, Charles L. ....	108.95
<i>Apparatus, instruments, and laboratory materials.</i>		Hansen, Dan .....	76.75
Allen, Robert E. ....	1.50	Hastings, S. H. ....	615.35
Baker Chemical Co., J. T. ....	62.00	Hawley, Alden M. ....	168.67
Bausch & Lomb Optical Co. ....	372.95	Headley, F. B. ....	626.17
		Heald, F. D. ....	222.05
		Hudson, E. W. ....	39.10
		Irish, J. P., jr. ....	690.60
		Jensen, Chas. A. ....	221.45
		Kempton, J. ....	249.55
		Knorr, F. ....	493.03
		Mowry, H. H. ....	450.00
		Peterson, W. A. ....	1,847.09
		Rogers, Shober J. ....	87.30
		Seofield, C. S. ....	975.95
		Stephens, J. M. ....	214.39
		Taylor, J. A. ....	208.80
		Wolf, Fredk. A. ....	147.80
		Total .....	8,416.17

Total amount of appropriation ..... \$76,680.00  
 Total expenditures under above groups ..... 73,797.56

Unexpended balance on Aug. 31, 1910. .... 2,882.44  
 Repayments to credit of appropriation ..... 23.61

Net unexpended balance. .... 2,906.05  
 Outstanding liabilities (estimated). .... 1,397.72

Balance to be turned back in Treasury (estimated). .... 1,508.33

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (pomological investigations), \$72,625." (Original subappropriation of \$71,360 increased by transfer of \$1,265 from crop physiology.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Brackett, G. B.	Pomologist, at \$3,000	\$3,000.00	\$49.24
Powell, G. Harold	do.	1,750.00	963.67
Taylor, Wm. A.	do.	3,000.00	390.86
Husmann, Geo. C.	Pomologist, at \$2,250	2,250.00	822.11
Gould, H. P.	Pomologist, at \$2,000	2,000.00	477.16
Tenny, Lloyd S.	do.	805.56	493.22
Stubenrauch, A. V.	Expert, at \$2,750	1,143.84	1,529.70
Dennis, S. J.	Expert, at \$2,000	2,000.00	349.83
Wheeler, Chas. F.	do.	166.67	
Lake, Edward R.	Expert, at \$1,600	608.90	34.42
Ragan, W. H.	do.	160.00	
Pomeroy, C. S.	Expert, at \$1,400	1,263.89	114.88
Buck, J. Etna	Expert, at \$1,200	956.67	369.04
McKay, Andrew W.	do.	1,200.00	1,605.05
Ramsey, H. J.	Expert in fruit storage, at \$1,800	1,200.00	1,416.01
Gore, H. C.	Assistant, at \$1,800	1,800.00	77.81
Hosford, G. W.	do.	640.00	476.67
Irwin, W. N.	Assistant, at \$1,600	1,600.00	
Fletcher, W. F.	Assistant, at \$1,200	1,200.00	495.58
Pratt, Burr B.	do.	1,200.00	1,499.35
White, H. M.	Assistant, at \$1,200 and \$1,380	906.83	1,055.74
Malcolm, Donald C.	Assistant, at \$25 per month	12.50	19.30
Reed, C. A.	Agent, at \$1,000 and \$1,200	1,091.67	401.92
Dearing, Charles	Scientific assistant in horticulture, at \$1,200	420.00	392.43
Watkins, Harry F.	Scientific assistant in pomology, at \$840	79.33	
Galloway, Rankin	Assistant in pomology, at \$720	18.00	16.75
Fernald, Justin F.	Mechanical assistant, at \$1,200	500.00	577.85
Scott, Pauline M.	Clerk, stenographer, and typewriter, at \$60 per month	6.00	
Zellers, Nellie E.	do.	360.00	
Alexander, G. D.	Clerk, at \$60 per month	313.00	
Linton, Bertha G.	Clerk, at \$720	180.00	
Cooksey, William R.	Carpenter, at \$900	150.00	
Marcey, T.	Laborer, at \$45 per month	540.00	
Hicks, Meta E.	Laborer, at \$20 per month	198.67	
Gelletly, Celia	Charwoman, at \$540	540.00	
Gibson, Annie E.	Charwoman, at \$480	480.00	
Total		33,743.53	
<i>Out of Washington.</i>			
Ramsey, H. J.	Expert in fruit storage, at \$1,800	75.00	
Stubenrauch, A. V.	Expert, at \$2,250 and \$2,750	1,312.50	
Patten, Chas. G.	Expert, at \$50 per month	600.00	
Husmann, Fredk. L.	Viticultural superintendent, at \$1,500	1,500.00	484.73
Mann, Chas. W.	Scientific assistant, at \$1,620	342.00	1,071.15
Galligan, Carl F.	Special agent, at \$1,200	116.67	206.25
Schmidt, R.	Special agent, at \$100 per month	400.00	239.46
Tenny, L. S.	Collaborator, at \$25 per month	92.50	
Miller, Gilbert P.	Collaborator, at \$2 per month	24.00	
Fulton, Sanford H.	Collaborator, at \$12	12.00	
Fernald, Justin F.	Mechanical assistant, at \$1,200	700.00	
Hightower, Clyde W.	Mechanical assistant, at \$3.50 per diem	364.00	
Patterson, C. O.	Unskilled laborer, at \$50 per month	100.00	
Total		5,638.67	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (pomological investigations), \$72,625"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$16.55	Earl Fruit Co.	\$64.00
Automatic Pencil Sharpener Co. (Inc.)	.50	Espey, John B.	86
Ballantyne, R. Carter	16.66	Fairbanks Co.	32.60
Baumgarten & Sons, J.	25.75	Fancher Creek Nurseries	12.30
Clarke Co., R. P.	7.07	Fruit Auction Co.	31.25
Columbia Ribbon & Carbon Manufacturing Co.	.27	Fuller-Meisner Lumber Co.	20.65
Contingent expenses, Department of Agriculture	236.25	Galveston, Harrisburg & San Antonio Ry. Co.	33.16
District of Columbia Paper Manufacturing Co.	36.00	Gatchel & Manning	12.75
Draper Manufacturing Co.	6.16	Gibbs, Frank	14.40
Lamb & Tilden	4.75	Greenfield, C. H.	45.00
Library Bureau	63.97	Gulf Refining Co.	30.50
Lincoln, Fred S.	34.30	Halbert, H. A.	2.50
Lindemeyer, Philip	9.75	Harrison, H. S.	32.00
Lindenmeyer & Sons, Henry	25.60	Henderson Bros. Co.	81.23
Rockwell, Charles F.	1.33	Henning, Jno. A.	196.84
Schmidt, Fred A.	8.97	Hodge, L. A.	25.50
Sieber & Trussell Manufacturing Co.	6.30	Home Oil Co.	57.65
Swayze, W. L.	12.35	Horibeck, John S.	9.00
United States Envelope Co.	20.72	Houck, S. D.	9.00
Wilson Memindex Co.	2.65	Hubbard Co., T. S.	5.15
Total	535.90	Hughes Novelty Manufacturing Co.	8.00
		Hutterly, A. O.	19.50
<i>Miscellaneous supplies, etc.</i>		Illinois Pacific Glass Co.	21.18
Alley, C. H.	2.50	Italian Vineyard Co.	129.70
American Nut & Fruit Co.	2.00	James, S. H.	4.50
Anderson Co., J. A.	16.00	Jewell Nursery Co.	33.30
Anderson, Robt. L.	16.40	Kelley, Knight Motor Car Co.	632.00
Andrews, J. F.	50.00	Kirkhuft, Wm. I.	26.25
Armour & Co.	28.00	Koblegard Plantation	21.00
Armstrong Cork Co.	36.50	Lack Bros.	14.75
Bancroft, F. C.	.50	Lambie Co., Jas. B. (Inc.)	12.62
Barber & Ross	38.23	Lamoureux, W. J. F. M.	2.80
Bates Numbering Machine Co.	6.00	Lansburgh & Bro.	8.35
Baumgarten Co., Herman	.28	Lewis, F. H.	9.13
Beckman, Welch & Thompson Co.	87.05	Lindemeyer & Sons, Henry	12.80
Bedell Manufacturing Co.	5.83	Lindsay, Melville D.	22.05
Betz & Son, Ernest	33.50	Long & Clark	22.65
Blum Bros.	2.55	McFarland, J. Horace	41.25
Boligano & Co., F. W.	1.65	McMillen Co., W. E.	2.75
Brentano's	.34	Macklin, William	36.60
Brodie, James	1.50	Madary's Planing Mill	60.00
Buck Co., Frank H.	40.00	Marine Engine & Machine Co.	23.10
Burn, W. L.	12.00	Massachusetts Agricultural College	12.00
Burton, A. M.	54.25	Meehan & Sons, Thos. (Inc.)	.60
Burton & Son, R. C. M.	60.00	Merrick, Ernest M.	3.00
California Fruit Exchange	10.00	Miller, Chas. E.	5.89
California Iron Works	25.00	Miller, H. K.	4.00
Camp, Walter E.	3.50	Monarch Typewriter Co.	104.00
Capital Paper Box Co.	40.00	Munson & Son, T. W.	4.10
Cary Bros.	7.60	Muth & Co., Geo. F.	33.40
Clarke Co., R. P.	52.70	National Electrical Supply Co.	31.33
Cleveland, W. W.	1.25	National Mortar Co.	1.65
Columbia Oil Co.	25.90	National Orange Co.	20.00
Contingent expenses, Department of Agriculture	65.29	National Window & Office Cleaning Co.	7.65
Cortopassi, Louis	131.77	Nichols, C. E.	4.00
Cosimano, J.	4.00	Norton & Angier	72.50
Cotton State Belting & Supply Co.	4.75	Owens & Unger	20.00
Cox, U. T.	2.25	Pabst, Chas. E.	8.00
Crane Co.	30.54	Pacific Fruit Express Co.	212.40
Curtis, J. B.	12.50	Parker Machine Works	11.95
Cuyler & Mohler	5.13	Pasadena Ice Co.	168.47
Davis, J. B.	12.50	Patten, H. G.	7.00
Davis & Son, John A.	14.25	Pennsylvania R. R. Co.	365.00
Delmas, A. G.	7.50	Pioneer Fruit Co.	16.00
De Lolla, A. M.	7.50	Producer's Fruit Co.	22.00
Distel, Caroline	138.42	Puleston, Mary	1.88
Dulin & Martin Co.	5.74	Randolph Paper Box Co.	59.00
Dunn Machinery Co.	36.01	Rapid Computer Co.	25.00
		Remington Typewriter Co.	96.45
		Rich, A. A.	3.00
		Risien, E. E.	8.00
		Riverside Cycle & Sporting Goods Co.	3.50
		Riverside Fruit Exchange	4.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (pomological investigations), \$72,625"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
Rudolph & West Co. ....	\$4.89	Adams Express Co. ....	\$156.31
Ryckman Wine Co., G. E. ....	16.00	United States Express Co. ....	23.47
San Dimas Lemon Association. ....	144.00	Wells, Fargo & Co. Express. ....	274.95
San Joaquin County Table Grape Growers' Association. ....	48.00	Total. ....	454.73
San Monte Fruit Co. ....	102.10	<i>Telegraph.</i>	
Schofields Sons Co., J. S. ....	236.30	Postal Telegraph-Cable Co. ....	6.41
Seamark, Harry F. ....	2.50	Western Union Telegraph Co. ....	166.78
Shore, Chas. ....	4.50	Total. ....	173.19
Shore, J. E. ....	2.00	<i>Telephone.</i>	
Sleepy Creek Orchard Co. ....	8.65	Chesapeake & Potomac Telephone Co. ....	36.00
Smith Co., M. D. & H. L. ....	51.84	<i>Rent.</i>	
Smith Premier Typewriter Co. ....	2.00	Pasadena Ice Co. ....	300.00
Steamboat inspection. ....	10.02	<i>Gas and electricity.</i>	
Stephens, E. F. ....	6.35	Cary Bros. ....	84.00
Stone & Co., B. W. ....	10.50	Riverside (city of), Cal. ....	35.85
Stout, Wilbur C. ....	1.00	Total. ....	119.85
Tait & Sisler Co. ....	23.76	<i>Apparatus, instruments, and laboratory materials.</i>	
Teator, W. S. ....	4.00	Armour Ammonia Works. ....	34.34
Thompson, W. H. ....	64.00	Bausch & Lomb Optical Co. ....	63.23
To-Kalon Vineyard Co. ....	850.19	Columbia Photo Supply Co. ....	44.62
Topham, James S. ....	7.20	Doremus Machine Co. ....	12.00
Trueblood, E. Hicks. ....	1.50	Eastman Kodak Co. ....	164.62
Typewriter & Office Supply Co. ....	95.00	Elmer & Amend. ....	17.45
Underwood Typewriter Co. ....	237.50	Friez, Julien P. ....	163.80
U. S. Frames & Picture Co. ....	3.60	Gilman, Z. D. ....	5.70
Vineland Grape Juice Co. ....	704.06	Green, Henry J. ....	42.00
Wade, G. Taylor. ....	100.76	Hanger Surgical Instrument Co., J. E. ....	2.40
Waite, F. D. ....	18.75	Leese, M. A. ....	8.99
Walker, C. H. ....	25.50	National Ammonia Co. ....	20.00
Washington Wood Working Co. ....	14.00	Pullman, E. J. ....	7.02
Westinghouse Electrical & Manufacturing Co. ....	19.40	Schmidt, Fred A. ....	164.10
Weston Basket & Barrel Co. ....	6.25	Schneider Bros. ....	63.60
Whyers, F. B. ....	36.45	Sheetz, W. Silas. ....	442.96
Wight, J. B. ....	6.50	Taylor Instrument Co. ....	15.00
Wilson, T. B. ....	30.00	Whitall, Tatum Co. ....	47.05
Winfield Nursery Co. ....	1.32	Total. ....	1,318.88
Wolf Co., Fred W. ....	57.40	<i>Travel and station and field expenses.</i>	
Woodson, Robert E. ....	25.00	Brackett, G. B. ....	49.24
Woodward & Lothrop. ....	77.95	Buck, J. Etna. ....	369.04
Wyman, A. F. ....	6.00	Dearing, Chas. A. ....	392.43
Yerger, George S. ....	4.00	Dennis, S. J. ....	349.83
Young & Co., A. F. ....	66.81	Fernald, J. F. ....	577.85
Youngers & Co. ....	33.00	Fletcher, W. F. ....	495.58
Total. ....	7,562.12	Galligan, Carl F. ....	206.25
<i>Furniture.</i>		Galloway, Rankin. ....	16.75
Derby Desk Co. ....	88.75	Gould, H. P. ....	477.16
Hoeke, Wm. H. ....	1.50	Holland, R. Bowie. ....	20.43
House & Hermann. ....	2.22	Hosford, C. W. ....	476.67
Hughes Novelty Manufacturing Co. ....	15.00	Husmann, F. L. ....	484.73
Lansburgh Furniture & Carpet Co., J. ....	4.50	Husman, Geo. C. ....	822.11
Library Bureau. ....	31.00	Lake, E. R. ....	34.42
Lincoln, Fred S. ....	251.50	McKay, A. W. ....	1,605.05
Moses & Sons, W. B. ....	7.50	Malcolm, Donald. ....	19.30
Woodruff Manufacturing Co. ....	52.60	Mann, C. W. ....	409.17
Yawman & Erbe Manufacturing Co. ....	168.41	Pomeroy, C. S. ....	114.88
Total. ....	622.98		
<i>Freight.</i>			
A. & W. R. R. R. ....	2.00		
Knox Express Co., Geo. W. ....	2.81		
Southern Ry. Co. ....	4.54		
Washington Southern Ry. Co. ....	24.33		
Total. ....	33.68		

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (pomological investigations), \$72,625"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Powell, G. Harold.....	\$725.17	Stubemauch, A. V.....	\$1,529.70
Pratt, B. B.....	1,499.35	Taylor, Wm. A.....	390.86
Ramsey, H. J.....	1,416.01	Tenny, Lloyd S.....	493.22
Reed, C. A.....	401.92	White, H. M.....	1,055.74
Rolls, P. H.....	57.28		
Schmidt, R.....	239.46	Total.....	15,338.19
Shamel, A. D.....	608.59		

Total amount of appropriation..... \$72,625.00  
 Total expenditures under above groups..... 65,877.72

Unexpended balance on Aug. 31, 1910..... 6,747.28  
 Outstanding liabilities (estimated)..... 3,268.38

Balance to be turned back in Treasury (estimated)..... 3,478.90

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (experimental gardens and grounds), \$21,030." (Original subappropriation of \$19,230 increased by transfer of \$1,800 from Arlington Farm and Horticulture.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Byrnes, E. M.....	Assistant, at \$1,800.....	\$1,800.00	\$2.50
Bitler, Harry.....	Assistant, at \$25 per month.....	25.00	
McLennan, Robert.....	Gardener, at \$1,200.....	250.00	
Kerr, James K., sr.....	Gardener, at \$1,100.....	274.99	
Gooch, C. L.....	Gardener, at \$60 per month.....	60.00	
Lee, Thomas.....	Gardener, at \$720.....	30.00	
Rowen, J. D., jr.....	Gardener, at \$60 per month.....	60.00	
Riley, Joseph P.....	Gardener's assistant, at \$25 per month.....	24.17	
Riley, William.....	do.....	24.17	
Tracy, Lewis T.....	Carpenter, at \$3.50 per diem.....	280.00	
Callahan, Thomas F.....	Skilled laborer, at \$840.....	420.00	
Bolden, Frank S.....	Skilled laborer, at \$600.....	213.33	
Dawson, C. W.....	Laborer, at \$60 per month.....	30.00	
Thompson, Harry.....	Laborer, at \$720.....	60.00	
Walter, Olin A.....	do.....	60.00	
Parker, J. T.....	Laborer, at \$55 per month.....	440.00	
Swann, Sidney.....	do.....	440.00	
Montgomery, John P.....	Laborer, at \$2 per diem.....	354.00	
Robinson, C.....	do.....	422.00	
Thompson, A. M.....	do.....	52.00	
Sweeny, Carl W.....	Laborer, at \$1.75 per diem.....	161.00	
Adams, Richard.....	Laborer, at \$1.50 per diem.....	22.50	
Buckner, Rice.....	do.....	22.50	
Countee, T. L.....	do.....	261.00	
Johnson, Arthur.....	do.....	22.50	
Lynn, Thomas N.....	do.....	40.50	
Makel, John H.....	do.....	79.50	
Monroe, Clarence.....	do.....	22.50	
Robinson, Ernest.....	do.....	19.50	
Scott, John D.....	do.....	40.50	
Stull, Edward.....	do.....	45.00	
Watson, Joseph.....	do.....	19.50	
Williams, Emanuel.....	Laborer, at \$1 per diem and \$1.50 per diem.....	215.50	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (experimental gardens and grounds), \$21,030"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Boston, Ernest.....	Unskilled laborer, at \$1.75 per diem.....	\$211.75	
Conaway, Robt. J.....	Unskilled laborer, at \$1.50 per diem.....	22.50	
Green, William.....	do.....	45.00	
Matthews, George.....	do.....	22.50	
Robinson, Andrew.....	do.....	49.50	
Smith, Edward.....	do.....	21.00	
Taylor, James.....	do.....	15.00	
Thomas, George.....	do.....	15.00	
Tyler, John F.....	do.....	15.00	
Washington, Isaiah.....	do.....	22.50	
Total.....		6,731.41	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.....	\$0.25	Hammar Bros. White Lead Co.....	\$29.70
Columbia Ribbon & Carbon Manufacturing Co.....	3.25	Hartig, Louis.....	14.15
Contingent expenses, Department of Agriculture.....	30.84	Headley Good Roads Co.....	128.00
Lindemeyr, Philip.....	15.95	Heiskell, Jr., & Co., P. H.....	6.67
Total.....	50.29	Higham, H. W., Jr.....	8.00
<i>Miscellaneous supplies, etc.</i>		Hiser, Daniel.....	425.25
Adams Co., E. B.....	16.48	Houck, S. D.....	79.35
Armour & Co.....	7.75	James, T. A.....	945.00
Barber & Ross.....	1.44	Kearby & Mattison Co.....	41.89
Barker, Chas. A.....	1,300.00	Kendall Co., J. B.....	125.52
Beall Construction Co., R. J.....	948.41	Kretol Co.....	14.00
Beavers, John M.....	14.60	Lambie Co. Jas. B. (Inc.).....	7.48
Bedell Manufacturing Co.....	.72	Langle, Richard.....	5.00
Berry Bros. (Ltd.).....	2.85	Lavender & Co., C. H.....	702.00
Bolgiano & Co., F. W.....	28.97	Lindsay Rubber Manufacturing Co., M.....	34.50
Brennan Construction Co.....	20.00	Littlefield, Alvord & Co.....	29.00
Chambers, Wm. H.....	235.00	Lord & Burnham Co.....	151.34
Chesapeake Supply Co.....	56.66	McCubbin Co., C. J.....	37.50
Chilton Paint Co.....	4.13	Mann & Co., P.....	156.00
Church, W. A. H.....	323.14	Meehan & Sons, Thos. (Inc.).....	20.10
Clarke, Co., R. P.....	1.20	Meine & Noss.....	15.44
Clarke & Son, Wm. Wirt.....	15.00	Miller & Graham.....	77.17
Collector of Taxes, D. C.....	6.00	Mitchell Co., M. C.....	1.26
Constant, Peter J.....	455.55	Murphy Co., E. J.....	32.05
Contingent expenses, Department of Agriculture.....	244.76	Muth & Co., Geo. F.....	81.65
Crane Co.....	27.98	National Mortar Co.....	90.23
Crawford Paving Co.....	291.45	Paxton, Geo. C.....	25.00
Cuyler & Mohler.....	53.72	Pillsbury, H. P.....	1.50
Diller, Caskey & Keen.....	33.55	Probey Carriage Co.....	127.00
Dreer, Henry A. (Inc.).....	7.86	Red "C" Oil Manufacturing Co.....	9.48
Ellis Co.....	19.00	Regan, Thomas.....	792.50
Espey, John B.....	9.06	Reilly, Hugh.....	24.00
Farquhar & Co., R. & J.....	49.50	Rhodes & Co., Jas. H.....	19.77
Gallither & Bro., W. T. (Inc.).....	50.31	Robeson Process Co.....	185.70
Gatcomb, Lewis B.....	37.50	Rose Bros.....	19.28
Grant, James H.....	1,909.00	Rosslyn Supply Co.....	2.40
Greig, John.....	6.18	Rudolph & West Co.....	241.99
Grove Lime & Coal Co.....	1.60	Schmid, Edw. S.....	261.65
		Schondar & Lynch.....	2.25
		Sherwin-Williams Co.....	10.28
		Simpson, L. N.....	495.11
		Smith, Thos. W.....	172.80
		Smith Premier T. W. Co.....	80.00
		Smoot, L. E.....	72.73

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (experimental gardens and grounds), \$21,030"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
Somerville, Thos., Co.....	\$379.27	Adams Express Co.....	\$23.02
Sparks Pharmacy Co.....	1.00	United States Express Co.....	3.56
Steep, William M.....	7.80	Total.....	26.58
Superior Chemical Co.....	5.00	<i>Telegraph.</i>	
Talmadge, Geo. E. (Inc.).....	2.50	Western Union Telegraph Co.....	.31
Thompson & Norris Co.....	18.00	<i>Telephone.</i>	
Trundle, E. H.....	12.00	Chesapeake & Potomac Telephone Co.....	18.87
U. S. Frame & Picture Co.....	1.80	<i>Gas and electricity.</i>	
Vehlmeyer & Son.....	23.00	Potomac Electric Power Co.....	1,109.35
Walters' Son Carriage Co., Wm.....	5.50	<i>Apparatus, instruments, and laboratory material.</i>	
Washington Post.....	11.25	Feigel & Bro., M.....	2.58
Washington Rubber Co.....	5.00	Gilman, Z. D.....	.60
Washington Star.....	11.70	Leese, M. A.....	28.98
Williams & Wells Co.....	2.28	Shoemaker & Busch.....	4.38
Wilson Plant Oil & Fertilizer Co.....	30.00	Total.....	31.64
Wolf & Co., C. M.....	4.80	<i>Travel and station and field expenses.</i>	
Young, W. H.....	11.95	Byrnes, Edward M.....	2.50
Pulverized Manure Co.....	132.00	McLennan, Robert.....	57.00
Total.....	12,645.91	Oliver, G. W.....	37.70
<i>Furniture.</i>		Total.....	97.20
House & Herrmann.....	7.45		
<i>Freight.</i>			
Knox Express Co., The Geo. W.....	12.25		
Pennsylvania Ry.....	68.93		
Total.....	81.18		

Total amount of appropriation..... \$21,030.00

Total expenditures under above groups..... 20,800.09

Unexpended balance on Aug. 31, 1910..... 229.91

Outstanding liabilities (estimated)..... 198.38

Balance to be turned back in Treasury (estimated)..... 31.53

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Arlington Farm and horticulture), \$37,200." (Original subappropriation of \$38,470 increased by transfer of \$530 from Farm Management and decreased by transfer of \$1,800 to Experimental Gardens and Grounds.

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Corbett, L. C.....	Horticulturist, at \$3,000.....	\$3,000.00	\$1,598.49
Stuart, William.....	Expert, at \$2,250.....	1,875.00	
Shoemaker, Daniel N.....	Expert, at \$2,000.....	166.67	
Jones, J. Walter.....	Expert, at \$1,620.....	472.50	
Smith, W. W.....	Expert, at \$1,500.....	1,125.00	
Mayer, August.....	Expert, at \$900.....	112.50	
Beattie, W. R.....	Assistant, at \$1,800.....	1,800.00	1,032.32
Shear, W. V.....	Assistant, at \$1,200.....	500.00	368.06
Vehlmeyer, Frank J.....	Assistant, at \$1,020.....	255.00	
Rhodes, Joseph L.....	Assistant, at \$45 per month, and \$55 per month.....	470.00	
Zoellner, Herman C.....	Gardener, at \$720.....	510.00	73.35

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Arlington Farm and horticulture), \$37,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
McLaughlin, Susan	Clerk, at \$720	\$360.00	
Thompson, H. C.	Laboratory aid, at \$1,020	198.33	\$60.81
Malcom, Donald C.	Assistant, at \$25 per month, and laborer, at \$40 per month.	325.00	
Schrider, Benj. F.	Mechanician, at \$900	205.00	
Cooksey, Wm. R.	Carpenter, at \$900	520.00	
Iglehart, Thomas G.	Carpenter, at \$75 per month	37.50	
Cookman, B. C.	Blacksmith, at \$840	630.00	
Milstead, J. I.	Laborer, at \$60 per month	360.00	
Morris, Albert.	Laborer, at \$2 per diem	243.00	
Payne, H. S.	Laborer, at \$50 per month, and \$60 per month	462.67	
Blandford, J. B.	Laborer, at \$45 per month, and \$55 per month	562.50	
Hume, Edward	Laborer, at \$45 per month	247.50	
Lee, C. W.	do.	528.00	
Marcey, F. L.	do.	100.50	
Freeman, Jefferson	Laborer, at \$40 per month	160.00	
Ralph, Robert A.	Laborer, at \$40 per month and \$45 per month	116.50	
Amole, W. F.	Laborer, at \$1.50 per diem	49.50	
Bailey, G. W.	do.	313.50	
Byrd, Ernest	do.	279.75	
Corder, William	do.	76.50	
Dodson, F. E.	do.	95.25	
Dove, Walter D.	do.	56.25	
Edwards, Raymond	do.	60.00	
Garrett, W. A.	do.	345.00	
Hardy, R. L.	do.	352.87	
Hungerford, Wm. H.	do.	158.25	
Jackson, Edward	do.	309.00	
Jackson, Lyfus	do.	101.25	
Jones, Spencer	do.	60.18	
Lane, Charles E.	do.	99.00	
Lewis, Wm. E.	do.	171.75	
Lisson, E.	do.	39.75	
Lynn, James B.	do.	102.75	
Lynn, T. H.	do.	445.50	
Marcey, Curtis	Laborer, at \$1.50 per diem and \$45 per month	516.75	
Marcey, Gordon	Laborer, at \$1.50 per diem	309.00	
Minor, M. B.	do.	157.50	
Morgan, Arthur C.	do.	158.25	
Olszewski, Leopold	do.	351.75	
Pearson, W. M.	do.	170.25	
Putnam, C.	do.	153.75	
Saunders, A.	do.	328.50	
Shugars, Lewis	do.	183.75	
Smoot, G. W.	do.	262.12	
Wallace, Arthur W.	do.	166.50	
Barrett, Ellis	Laborer, at \$25 per month	115.00	
Corder, George	Laborer, at \$25 per month and \$40 per month	220.00	
Lower, Irvin B.	Laborer, at \$25 per month	125.00	
Honemond, Belle	Laborer, at \$20 per month and \$30 per month	242.33	
Burke, Edward	Laborer, at \$0.75 per diem	8.34	
Burke, John	do.	9.09	
Hull, David N.	do.	7.50	
Kemp, Edward	do.	21.08	
Marcey, Edward	do.	12.00	
Willis, Prescott	do.	22.87	
Willis, Preston	do.	6.75	
Studds, William	Unskilled laborer, at \$45 per month	180.00	
Cole, T. L.	Unskilled laborer, at \$1.50 per diem	12.00	
Lawrence, John R.	do.	10.50	
Lawrence, Linwood	do.	10.50	
Lewis, John H.	do.	75.75	
Morris, J. C.	do.	15.75	
Willis, H. D.	do.	19.50	
Boswell, Nettie L.	Charwoman, at \$1 per diem	7.00	
Franklin, Julia R.	Charwoman, at \$240	51.33	
Total		22,389.63	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Arlington Farm and horticulture), \$37,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Tracy, W. W., jr.	Assistant botanist, at \$1,800.	\$305.00	
Wellington, Joseph W.	Collaborator, at \$10 per month.	40.00	
Johnson, Thomas C.	Collaborator, at \$2.50 per month.	30.00	
Clements, Charles A., jr.	Clerk, at \$900.	17.50	
Milstead, Joseph I.	Laborer, at \$60 per month.	120.00	
Freeman, Jefferson.	Laborer, at \$40 per month.	20.00	
Capehart, Laura A., Mrs.	Unskilled laborer, at \$1 per diem.	2.00	
Boswell, Nettie L.	Charwoman, at \$1 per diem.	25.00	
Total		559.50	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$17.70	Burpee & Co., W. Atlee.	\$32.02
Ballantyne, R. Carter	10.96	Burrell, D. V.	34.10
Contingent expenses, Department of Agriculture	171.69	Capewell Horse Nail Co.	6.00
Eagle Pencil Co.	.14	Cardwell Machine Co.	28.32
Lamb & Tilden	1.85	Challenge Co.	35.15
Library Bureau	56.71	Chesapeake Supply Co.	33.78
Lindemeyr, Philip	2.80	Childs, John Lewis.	2.25
Munger Wire Basket Co.	24.00	Church, W. A. H.	519.25
Schmidt, Fred A.	5.25	Clark, T. Edw.	54.00
Swayze, W. L.	2.99	Columbia Oil Co.	81.50
United States Envelope Co.	41.20	Constant, Peter J.	249.60
United States Paper Goods Co.	33.50	Continental Engine Co.	3.50
Valley Paper Co.	7.92	Contingent expenses, Department of Agriculture	31.85
Total	376.62	Copeland Co., M. G.	12.00
<i>Miscellaneous supplies, etc.</i>		Crane Co.	11.25
Adams Co., E. B.	4.12	Crescent Oil Co.	2.95
Aggeler & Musser Seed Co.	5.20	Culaway Harrow Co.	29.00
Aitcheson, J. & H.	15.00	Davis Nursery Co., Franklin	2.25
Alexander Seed Co.	3.90	Daw & Co., William	25.55
American Can Co.	20.11	Dayton Fruit Tree Label Co.	6.00
American Ice Co.	30.26	Diller, Caskey & Keen	7.09
Bain Peanut Co. (Inc.)	1.65	Dulin & Martin Co.	.91
Banks & Co., F. S.	1.59	Du Perow, M.	17.40
Barber & Ross	6.36	Dyer, W. H.	3.00
Barteldes Seed Co.	1.20	Ellis Keystone Agricultural Works	22.00
Bateman Manufacturing Co.	35.00	Empire Manufacturing Co.	38.85
Bates Numbering Machine Co.	6.00	Espey, John B.	154.41
Bedell Manufacturing Co.	2.40	Falls Church Telegraph & Telephone Co.	16.95
Belcher & Taylor Agricultural Tool Co.	8.90	Farquhar & Co., R. J.	5.25
Benthol Machine Co.	40.00	Ferry & Co., D. M.	11.40
Berry Bros. (Ltd.)	14.00	Friend Manufacturing Co.	4.75
Betz & Son, Ernest	1.75	Fuller & Johnson Manufacturing Co.	3.07
Blum Bros.	1.53	Gallihier & Bro., W. T.	70.32
Boddington, Arthur T.	27.84	Galloway Co., Wm.	3.15
Bolgiano & Co., F. W.	686.01	Galt & Co., W. M.	94.81
Bolgiano & Son, J.	103.70	Gaskins, Wm. H.	27.00
Breck & Sons Corporation, Joseph	.65	Gould Manufacturing Co.	15.05
Brentano's	3.80	Gray, Ben.	30.00
Bridgeman's Seed Warehouse	1.10	Gregory & Son, J. J. H.	1.15
Brigham, E. S.	116.36	Greig, John	3.09
Bristol Co.	2.48	Griffith & Turner Co.	14.00
Buckley, John W.	84.75	Harris Co., Joseph	1.15
Burlington Flouring Co.	12.00	Hartig, Louis	108.80
		Hastings & Co., H. H.	1.57
		Hauser, E. K.	7.50

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910, (Arlington Farm and horticulture), \$37,200"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Heiskell & Co., P. H., jr.	\$128.23	Somerville Co., Thos.	\$169.90
Henderson & Co., Peter	3.30	Sprague Canning Machinery Co.	2.70
Hewitt, Stephen	5.00	Standard Lime & Stone Co.	48.05
Hiser, Daniel	62.00	Standard Oil Co.	4.80
Hoge & McDowell Co.	586.80	Stark Bros. Nurseries & Orchard Co.	19.00
Hopfenmaier, Lewis	1.60	Steckler Seed Co., J.	1.70
House-Warcs Co.	1.50	Stokes, Walter P.	1.50
Howe, M. O.	1.00	Stover Engine Works.	7.00
Hydraulic Press Brick Co.	56.00	Tait & Sons, Geo. (Inc.)	1.15
Isbell & Co., S. M.	30	Tavener, Cloyd	159.00
Jenkins, Charles S.	48.00	Texas Seed & Flora Co.	1.70
Johnson Seed Co.	1.55	Thiemeyer Co., J. II.	130.00
Joyce Engraving Co., Maurice	3.77	Thompson & Norris Co.	6.70
Kaelin, Henry	45.62	Thorburn & Co., J. M.	23.96
Keasbey & Mattison Co.	42	Tuthill, Henry P.	12.74
Keeney & Son, N. B.	2.92	Underwood Typewriter Co.	77.50
Kellogg Switchboard & Supply Co.	17.44	Vaughan, A. M.	2.52
Kelly Springfield Road Roller Co.	1.50	Vaughan's Seed Store.	2.35
King, W. L.	38.20	Vick's Sons, James	2.50
Lambie Co., Jas. B. (Inc.)	64.69	Walker Brick Co., W. T.	21.60
Landreth Seed Co., D.	9.70	Warner, L.	48.00
Leadbeater & Sons, E. S. (Inc.)	25.58	Warren Brothers Co.	5.00
Lee Hardware Co.	17.86	Washington Rubber Co.	9.20
Livingston Seed Co.	2.05	Waters-Pierce Oil Co.	8.80
Long Island Potato Exchange.	13.25	Wheeler & Schebler	1.50
Louisiana Cotton Oil Co.	8.25	Wood & Sons, T. W.	1.80
Lucas Pump Co.	7.00	Wood, Stubbs & Co.	1.00
Manhattan Electrical Supply Co.	1.46	Woodward & Lothrop.	13.66
Martin, F. E.	2.00	Woolf & Co., C. M.	35.05
Maule, Wm. Henry	1.10	Young, Thos. E.	144.00
May & Son, W. H.	10.10		
Meehan & Sons, Thos. (Inc.)	18.26	Total.	6,619.74
Mitchell Co., M. C.	8.38		
Moncure, R. C. L.	20.00	<i>Furniture.</i>	
Moore Seed Co.	2.80	Derby Desk Co.	21.50
Morse & Co., C. C.	3.92	Gimbel, Ellis A.	23.78
Munson Belting Co., Chas.	21.05	House & Hermann	7.45
Munson, D. O.	99.90	Lansburgh Furniture & Carpet Co., J.	36.19
Murphy Co., E. J. (Inc.)	20.07	Moses & Sons, W. B.	30.86
Murphy, J. J.	48.00	Yawman & Erbe Manufacturing Co.	206.70
Muth & Co., Geo. F.	51.15		
National Electrical Supply Co.	9.90	Total.	326.48
National Mortar Co.	187.20		
New Albany Box & Basket Co.	3.20	<i>Fuel.</i>	
Newlon, W. B.	19.50	Allegheny Co.	3.75
Noll & Co., J. F.	2.00	Johnson Bros.	836.81
Northrup, King & Co.	.90		
O'Leary, Lucy A.	25.00	Total.	840.56
Oliver Co., J. A.	51.30		
Page Belting Co.	19.51	<i>Freight.</i>	
Peerless Rubber Manufacturing Co.	4.80	Bangor & Aroostook R. R.	2.55
Porter Co., J. E.	28.11	Boston & Maine R. R.	.45
Powell, S. T.	35.52	Central Vermont Ry. Co.	6.82
Rawson & Co., W. W.	3.15	Chesapeake & Ohio Ry. Co.	4.00
Reilly, Hugh	10.05	Delaware & Hudson Co.	1.80
Riely, F. C.	4.40	Erie R. R. Co.	.59
Rochester Spray Pump Co.	5.35	Knox Express Co., Geo. W.	2.28
Roesch & Son, Lewis	9.20	Lake Shore & Michigan Southern Ry. Co.	.63
Roovers Bros.	5.00	Long Island R. R. Co.	8.74
Rosslyn Clay Material Co.	10.00	Minneapolis, St. Paul & Sault Ste. Marie Ry.	1.23
Rosslyn Milling Co.	49.00	Morgantown & Kingwood R. R. Co.	.65
Rosslyn Supply Co.	84.00	Norfolk & Southern R. R. Co.	2.92
Round Crest Orchard Heater Co.	22.00	Norfolk-Washington Steamboat Co.	8.40
Rudolph & West Co.	47.54	Pennsylvania Ry. Co.	8.44
Schmid, Edw. S.	101.85	Rutland R. R.	.90
Schultz, G. Edward	1.55		
Schwill & Co., Otto (Inc.)	.55	Total.	50.40
Sherwin-Williams Co.	14.80		
Sloane, W. & J.	89.96		
Smith, E. Albert	160.00		
Smith, Thos. W.	27.57		
Smoot & Co. (Inc.), W. A.	32.60		

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry 1910 (Arlington Farm and horticulture), \$37,200"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Adams Express Co. ....	\$50.89	Feigel & Bros., M. ....	\$5.16
United States Express Co. ....	13.55	Flemer, Lewis. ....	1.79
Total. ....	64.44	Freiz, Julien P. ....	13.50
<i>Telegraph.</i>		Gilman, Z. D. ....	6.70
Postal Telegraph-Cable Co. ....	.83	Leese, M. A. ....	94.14
Western Union Telegraph Co. ....	6.08	Lewis, J. L. ....	3.38
Total. ....	6.91	Mackall Bros. ....	4.37
<i>Telephone.</i>		Pullman, E. J. ....	2.52
Chesapeake & Potomac Telephone Co. ....	26.75	Sheetz, W. Silas ....	100.40
Falls Church Telegraph & Telephone Co. ....	88.25	Shoemaker & Busch. ....	5.40
Total. ....	115.00	Sussman Photo Stock Co., J. ....	3.60
<i>Gas and electricity.</i>		Thomas Co., A. H. ....	32.40
Washington, Alexandria & Mt. Vernon R. R. Co. ....	146.00	Total. ....	362.19
<i>Apparatus, instruments, and laboratory materials.</i>		<i>Travel and station and field expenses.</i>	
Baker, Reid S. ....	23.20	Beattie, W. R. ....	1,032.32
Eastman Kodak Co. ....	65.63	Butterfield, E. C. ....	174.82
		Corbett, L. C. ....	1,598.49
		Milestead, J. I. ....	7.25
		Shear, W. V. ....	357.64
		Shoemaker, D. N. ....	49.23
		Stuart, William ....	157.18
		Thompson, H. C. ....	19.31
		Tracy, W. W., sr. ....	195.63
		Total. ....	3,591.87
Total amount of appropriation. ....			\$37,200.00
Total expenditures under above groups. ....			35,449.34
Unexpended balance on Aug. 31, 1910. ....			1,750.66
Outstanding liabilities (estimated). ....			1,547.79
Balance to be turned back to Treasury (estimated). ....			202.87

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Florida Subtropical Garden), \$5,100."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Wester, P. J. ....	Gardener, at \$1,200 and \$1,440 .....	\$1,010. 00	\$461. 12
Hudson, Agnes T. ....	Clerk, at \$1,000 .....	208. 34	55. 04
Total .....		1,218. 34	
<i>Out of Washington.</i>			
Schultz, Henry F. ....	Expert, at \$1,800, and agent, at \$1,800 .....	475. 00	558. 40
Bessey, Ernst A. ....	Collaborator and pathologist, at \$10 per month .....	30. 00	
Rolls, Peter H. ....	Collaborator, at \$10 per month .....	120. 00	57. 28
Wester, P. J. ....	Gardener, at \$1,200 .....	200. 00	
Simmonds, Edward .....	Gardener, at \$840 .....	840. 00	129. 20
Hudson, Agnes T. ....	Clerk, at \$1,000 .....	83. 33	
Marshall, Chas. A. ....	Laborer, at \$45 per month .....	55. 50	
Ward, Lee .....	Laborer, at \$40 per month .....	49. 33	
Total .....		1,853. 16	



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (Florida Subtropical Garden), \$5,100—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Telegraph.</i>	
Auto Pen & Ink Manufacturing Co....	\$18.36	Western Union Telegraph Co.....	\$0.47
<i>Miscellaneous supplies, etc.</i>		<i>Telephone.</i>	
Bates Machine Co.....	54.00	Miami Telephone Co.....	4.00
Charter Gas Engine Co.....	3.70	<i>Apparatus, instruments, and laboratory material.</i>	
Contingent expenses, Department of Agriculture.....	11.97	Eastman Kodak Co.....	5.00
Dayton Fruit Tree Label Co.....	3.90	Leese, M. A.....	5.39
Dennison Manufacturing Co.....	4.15	Total.....	10.39
Fort Dallas Land Co.....	20.00	<i>Travel and station and field expenses.</i>	
Glen St. Mary Nurseries Co.....	137.40	Dorsett, P. H.....	205.03
Lemcke & Buechner.....	.72	Hudson, A. T.....	55.04
Miami Morning News-Record.....	2.10	Savage, Edward M.....	114.75
New York Botanical Garden.....	1.50	Schultz, Henry F.....	373.85
Total.....	239.44	Simmonds, Edward.....	129.20
<i>Freight.</i>		Wester, P. J.....	461.12
Washington Southern Ry. Co.....	60.37	Total.....	1,338.99
<i>Express.</i>			
Adams Express Co.....	7.15		
United States Express Co.....	.60		
Total.....	7.75		

Total amount of appropriation..... \$5,100.00  
Total expenditures under above groups..... 4,751.27

Unexpended balance on Aug. 31, 1910..... 348.73  
Outstanding liabilities (estimated)..... 263.10

Balance to be turned back in Treasury (estimated)..... 85.63

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (South Texas Garden), \$9,100."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Green, Edw. C.....	Pomologist, at \$2,280.....	\$2,280.00	\$316.94
Gomme, Wm. H. F.....	Expert, at \$900.....	900.00	188.10
Boss, Ralph M.....	Clerk, at \$840.....	840.00	
Chestnut, Frank.....	Laborer, at \$37.50 per month.....	112.50	
Harrison, C. L.....	Laborer, at \$37.50 per month and \$1.00 per diem.....	304.99	
Arsuaga, Mariano.....	Laborer, at \$1.25 per diem and \$37.50 per month.....	213.11	
Rice, H. L.....	do.....	79.38	14.10
Robinson, H.....	Laborer, at \$1.25 per diem.....	8.75	
Basques, Jose.....	Laborer, at \$1 per diem.....	3.00	
Coronado, A.....	Laborer, at \$18.75 per month.....	198.71	
Cortz, Zeferino.....	do.....	225.00	
Hernandez, Domingo.....	do.....	55.62	
Huerta, Juan.....	do.....	225.00	
Martinez, Francisco.....	do.....	216.25	
Reys, Recardo.....	do.....	90.30	
Savala, Amelia.....	do.....	99.97	
Almaraz, Basilio.....	Laborer, at 62½ cents per diem and \$18.75 per month.....	29.69	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Bureau of Plant Industry, 1910 (South Texas Garden), \$9,100"—  
 Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Castanada, Josea.....	Laborer, at 62½ cents per diem.....	\$1.56	
Castanada, Rocindo.....	do.....	1.56	
Deaces, Leandro.....	do.....	10.31	
de la Rosas, L.....	do.....	5.63	
Gavara, Jose.....	Laborer, at 62½ cents per diem and \$18.75 per month.	212.03	
Hernandez, Jose.....	Laborer, at 62½ cents per diem.....	33.75	
Lopez, Juan.....	Laborer, at 62½ cents per diem and \$18.75 per month.	186.87	
Rames, Andres.....	Laborer, at 62½ cents per diem.....	5.31	
Salazar, Evaristo.....	do.....	4.23	
Sota, Andres.....	do.....	21.86	
Huerta, Roman.....	Laborer, at 50 cents per diem, 25 cents per diem, and \$7.50 per month.	40.88	
Pinedo, Jose.....	Laborer, at 50 cents per diem.....	1.00	
Garcia, Charley.....	Laborer, at \$7.50 per month.....	43.74	
Jobson, H. H.....	Unskilled laborer, at \$50 per month.....	41.66	
Garcia, Alfonso.....	Unskilled laborer, at 87½ cents per diem.....	1.75	
Castillo, Macsimio.....	Unskilled laborer, at 62½ cents per diem.....	6.25	
de los Relles, A.....	do.....	16.87	
de los Relles, Lino.....	do.....	2.50	
Garcia, Esteven.....	do.....	5.32	
Garcia, Francisco.....	do.....	5.63	
Martinez, Roman.....	do.....	9.68	
Savala, Elario.....	do.....	2.82	
Vasquez, Juan.....	do.....	1.25	
Huerta, Ramon.....	Unskilled laborer, at 25 cents per diem.....	5.00	
Total.....		6,549.56	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Contingent expenses, Department of Agriculture.....	\$18.53	Frontier Lumber Co.....	\$63.78
Library Bureau.....	29.00	Gas Power Publishing Co.....	1.00
Total.....	47.53	Glen Nurseries Co., St. Mary.....	32.50
<i>Miscellaneous supplies, etc.</i>		Gould Co.....	37.00
American Florist Co.....	1.00	Griffings Semi-Tropic Nurseries.....	6.08
Barrick Publishing Co.....	1.00	Hagler, D. G.....	6.00
Boyle, John & Co.....	4.50	Heitmann Co., F. W.....	40.50
Brownsville Electric & Plumbing Co.....	19.87	Hunter, D. H.....	14.30
Brownsville Grain Co.....	122.55	Journal of Economic Entomology.....	4.00
Brownsville Hardware Co.....	125.84	Kowalski, Louis.....	22.10
Brownsville Matamoros Bridge Co.....	35.75	McDavitt Bros.....	41.48
Caldwell, E. H.....	17.51	McKinney, C. G.....	40.15
City Hardware Store.....	4.25	Munson & Son, T. V.....	3.00
Contingent expenses, Department of Agriculture.....	1.17	Pacific Rural Press.....	2.00
Cross Lumber Co., J. S. & M. H.....	27.52	Padgett & Bros. Co.....	14.36
Doubleday, Page & Co.....	5.00	Peden Iron & Steel Co.....	59.20
Eagle Pharmacy.....	2.05	People's Ice & Manufacturing Co.....	27.60
Entomological News.....	3.00	Pierce-Fordyce Oil Association.....	9.00
Everson Motor Car Co.....	16.20	Reichardt & Schulte Co.....	16.15
Field Commercial Co., H. M.....	206.34	Rendall, N. E.....	9.90
Florist's Exchange.....	1.50	Rio Grande Machine Shops.....	14.10
Fordyce-Waters-Pierce Oil Co.....	64.75	Rural Publishing Co.....	1.00
		Science Press.....	5.00
		Snyder-Mason Hardware Co.....	48.00
		Snyder-Mason Lumber & Manufacturing Co.....	3.00
		Steckert & Co., G. E.....	25.51

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (South Texas Garden), \$9,100—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight.</i>	
Texas Grain Co. ....	\$144.17	Knox Express Co., Geo. W., The....	\$10.50
Texas Harvester Co. ....	6.85	St. Louis, Brownsville & Mexican Ry.	143.26
Texas Seed & Floral Co. ....	10.00	Total.....	153.76
University of Chicago Press. ....	6.30	<i>Express.</i>	
Verhelle, Hy. B. ....	7.50	Adams Express Co. ....	6.24
Waters-Pierce Oil Co. ....	122.87	<i>Telephone.</i>	
Welchel Co., C. ....	2.31	Brownsville Telephone Co. ....	27.00
Yale & Towne Manufacturing Co. ....	3.01	<i>Travel and station and field expenses.</i>	
Yerkes, J. T. ....	49.17	Gomme, Wm. H. H. F. ....	188.10
Total.....	1,559.92	Green, E. C. ....	316.94
<i>Furniture.</i>		Rice, H. L. ....	14.10
Boss, M. E. ....	6.00	Total.....	519.14
Yawman & Erbe Manufacturing Co. ....	44.00		
Total.....	50.00		

Total amount of appropriation..... \$9,100.00

Total expenditures under above groups..... 8,913.15

Unexpended balance on Aug. 31, 1910..... 186.85

Outstanding liabilities (estimated)..... 186.85

Balance to be turned back in Treasury (estimated)..... 0.00

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (administrative and miscellaneous), \$48,856." (Original subappropriation of \$48,976 decreased by transfer of \$120 to grain investigations.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Woods, A. F. ....	Pathologist and physiologist, at \$3,500.	\$3,041.66	
Spillman, Wm. J. ....	Agriculturist in charge of farm management, at \$3,500.	1,458.34	
Powell, G. Harold. ....	Pomologist and assistant chief of bureau, at \$3,500.	1,458.34	
Griffiths, David. ....	Agriculturist, at \$2,250.	462.50	
Brodie, David A. ....	Agriculturist, at \$2,000.	833.34	
Smith, Clarence B. ....	do.	833.34	
Oliver, G. W. ....	Expert, at \$2,000.	166.67	
Vinall, Harry N. ....	Scientific assistant, at \$1,400.	816.67	
Cory, Victor L. ....	Scientific assistant, at \$1,200.	500.00	
Harrison, Carrie. ....	Assistant, at \$1,600.	1,600.00	
Morse, W. J. ....	Assistant, at \$1,080.	1,080.00	
Smith, Florence P. ....	Assistant, at \$1,000.	1,000.00	
Towles, Robert C. ....	Assistant, at \$25 per month.	56.67	
Trigg, Wm. S. ....	do.	12.50	
Whitehead, Wiley S. ....	do.	38.33	
Yonce, William B. ....	do.	53.33	
Lamson, Scribner F. ....	Special agent, at \$2,500.	1,458.34	
Quirk, Agnes. ....	Laboratory aid in pathology, at \$1,200.	50.00	
Bort, K. S. ....	Aid, at \$600.	500.00	
Kause, Robert L. ....	Aid, at \$600.	100.00	
Northrup, Alfred S. ....	Law clerk, at \$1,400.	245.01	
Clarke, Harold H. ....	Clerk, at \$1,400.	525.00	
Taylor, J. Anderson. ....	Clerk, at \$1,200.	373.33	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (administrative and miscellaneous), \$48,856"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Ball, James S.	Clerk, at \$1,000.	\$325.00	
Jones, Frank.	Clerk, at \$900.	750.00	
Miller, Dorothy M.	Clerk, at \$75 per month.	187.50	
Penfield, Cora A.	Clerk, at \$900.	525.00	
Ramsay, Robert E.	Clerk, at \$720.	150.00	
Anderson, Matthew N.	Clerk, stenographer, and typewriter, at \$1,020.	170.00	
Hudson, Douglas G.	Clerk, stenographer, and typewriter, at \$900.	562.50	
Kingston, Grace N.	do.	225.00	
Martyn, John W.	do.	147.50	
Ratcliffe, Ella B.	Clerk, stenographer, and typewriter, at \$75 per month.	90.00	
Ferguson, Helen.	Clerk, stenographer, and typewriter, at \$720, and laboratory aid in agrostology, at \$720.	420.00	
Warren, Marie J.	Clerk, stenographer, and typewriter, at \$720.	132.00	
Campbell, Susan T.	Clerk, stenographer, and typewriter, at \$600.	200.00	
Conner, James B.	Cabinetmaker, at \$1,080.	1,080.00	
Sievers, Henry W.	Plumber, at \$4 per diem.	520.00	
Marmion, Elizabeth.	Messenger, at \$720, and minor clerk, at \$720.	720.00	
Stely, Daniel H.	Messenger boy, at \$300.	89.58	
Priest, A. C.	Teamster, at \$600.	600.00	
Dawson, C. W.	Laborer, at \$60 per month.	690.00	
Bowles, Stephen H.	Laborer, at \$2 per diem.	170.00	
Callahan, John A.	do.	31.00	
Whittlesey, Wm. H.	do.	108.00	
Clark, H. M.	Laborer, at \$50 per month.	448.33	
Galleher, U. H.	do.	200.00	
McConica, C. C.	Laborer, at \$50 per month, and \$60 per month, and \$720.	655.00	
Marcey, Calvin.	Laborer, at \$50 per month.	575.00	
Bundy, Edward W.	Laborer, at \$480.	113.33	
Jones, Robert.	Laborer, at \$1.50 per diem.	327.00	
Martin, Joseph.	Laborer, at \$40 per month.	60.00	
Delevigne, Joseph.	Laborer, at \$30 per month.	30.00	
Brown, Lottie.	Laborer, at \$20 per month.	240.00	
Thornton, Daisy.	Laborer, at \$240.	200.00	
Ramsdell, Katharine P.	Unskilled laborer, at \$720.	90.00	
Robinson, Robert.	Unskilled laborer, at \$2 per diem.	54.00	
Carter, Mrs. Emma J.	Unskilled laborer, at \$40 per month.	240.00	
Lacey, Nora A.	do.	450.67	
Louys, Peter Edward.	Unskilled laborer, at \$45 per month, and unskilled laborer, at \$25 per month.	57.33	
Garner, Sarah L.	Charwoman, at \$480.	180.00	
Honemond, Virginia B.	Charwoman, at \$40 per month.	40.00	
Smith, Mary I.	Charwoman, at \$480.	480.00	
Jamieson, Annie.	Charwoman, at \$360.	360.00	
Bombry, Elizabeth.	Charwoman, at \$20 per month.	77.33	
Freeman, Lucy.	Charwoman, at \$240.	36.00	
King, Mrs. Amelia.	Charwoman, at \$20 per month.	164.00	
Ross, Lillie C.	do.	23.33	
Total.		28,657.77	
<i>Out of Washington.</i>			
Chubbuck, Levi.	Expert, at \$2,520.	525.00	
Lamson, Scribner F.	Special agent and agrostologist, at \$2,500.	1,041.66	
McKee, Roland.	Scientific assistant, at \$1,200 and \$1,380.	782.50	\$575.42
Cory, Victor L.	Scientific assistant, at \$1,200.	500.00	
Crews, Nelson C.	Special agent, at \$1,800.	670.00	134.19
Howell, Herbert H.	Clerk, at \$1,080 and \$1,200.	840.00	
Peters, B. L.	Laborer, at \$60 per month.	160.00	
Total.		4,519.16	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (administrative and miscellaneous), \$48,856"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.....	\$534.58	Griscom Spencer Co.....	\$2.25
Andrews Paper Co., R. P.....	74.59	Gump Co., B. F.....	50.00
Ballantyne, R. Carter.....	63.01	Haas, Jos. S.....	54.16
Bliss, Albrecht & Co.....	7.50	Harris & Co., R.....	14.00
Burroughs Adding Machine Co.....	9.00	Hart, Nicholas.....	9.00
Clarke Co., R. P.....	1.44	Hartig, Louis.....	6.08
Columbia Ribbon & Carbon Manu- facturing Co.....	58.25	Hutterly, A. O.....	2.00
Contingent expenses, Department of Agriculture.....	540.71	India Alkali Works.....	14.67
Davison & Co., H. C.....	87.72	Johnson, F. Coit.....	6.00
District of Columbia Paper Manu- facturing Co.....	9.67	Joyce Engraving Co., Maurice.....	4.21
Dixon Crucible Co., Joseph.....	11.04	Karr, Henry C.....	7.00
Easthampton Rubber Thread Co.....	27.36	Killian Co., Geo. P.....	12.60
Lamb & Tilden.....	23.19	Lambie Co., Jas. B. (Inc.).....	23.54
Library Bureau.....	209.28	Lansburgh & Bro.....	52.38
Lincoln, Fred S.....	50.20	Library of Congress.....	20.24
Lindemeyer, Philip.....	17.35	Millar & Co., Geo. W.....	22.50
Mathers-Lamm Paper Co.....	5.00	Miller & Graham.....	5.30
Newman, E. S.....	4.00	Monarch Typewriter Co.....	182.00
Perry Co., Chas. E.....	10.50	Munson Supply Co.....	3.15
Ptcher, E. H.....	23.45	Murphy Co., E. J. (Inc.).....	13.04
Rickwell, Charles F.....	20.03	Muth & Co., Geo. F.....	23.82
Schmidt, Fred A.....	21.60	National Electrical Supply Co.....	.65
Siebert, Jno. F.....	2.40	National Supply Co.....	1.00
Stott & Co., Chas. G.....	33.17	National Window & Office Cleaning Co.....	300.00
Swayze, W. L.....	146.25	Nawrath, J. P.....	37.28
Union Envelope Co.....	39.14	Newman, E. S.....	16.00
United States Envelope Co.....	429.86	Ramsay, William.....	2.75
United States Paper Goods Co.....	17.00	Red "C" Oil Manufacturing Co.....	.55
Universal Supply Co.....	2.98	Reilly, Hugh.....	2.73
Valley Paper Co.....	59.12	Remington Typewriter Co.....	104.55
Washington Loose Leaf Co.....	5.30	Rhodes & Co., James H.....	5.78
Yawman & Erbe Manufacturing Co.....	.35	Robbins & Myers Co.....	78.45
Zichtl & Co., A.....	25.80	Rudolph & West Co.....	18.82
Total.....	2,070.84	Schlegel, H. F.....	275.00
<i>Miscellaneous supplies, etc.</i>		Seamark, Harry F.....	27.00
American Ice Co.....	1,163.63	Shore, Chas.....	6.50
American Multigraph Sales Co.....	2.00	Shore, J. E.....	1.00
American Soap & Washoline Co.....	10.88	Sloane, W. & J.....	31.45
Barber & Ross.....	10.61	Smith Premier Typewriter Co.....	9.50
Bates Numbering Machine Co.....	12.00	Topham, James S.....	1.70
Bedell Manufacturing Co.....	6.11	Tower, D. A.....	3.60
Bemis, J. S.....	16.00	Underwood Typewriter Co.....	183.20
Berry & Whitmore Co.....	12.00	United States Frame & Picture Co.....	2.10
Bradley Stencil Machine Co.....	98.00	War Department.....	14.28
Brentano's.....	.20	West Disinfecting Co.....	129.25
Capital Traction Co.....	60.00	Wiegand, Martin.....	72.50
Chesapeake Supply Co.....	14.55	Woodward & Lothrop.....	28.24
Clarke Co., R. P.....	38.48	Woolf & Co., C. M.....	8.50
Collins, J. Ross.....	303.54	Somerville Co., Thos.....	184.97
Constant, Peter J.....	282.88	Total.....	6,331.25
Contingent expenses, Department of Agriculture.....	344.16	<i>Furniture.</i>	
Cook, M. S.....	1.70	Camden Cabinet Co.....	26.00
Cooper, W. H.....	6.00	Derby Desk Co.....	203.50
Corr, P. M.....	4.30	Gimbel, Ellis A.....	6.49
Cotton & Son, Jas. S.....	236.92	Library Bureau.....	144.73
Dennison Manufacturing Co.....	23.00	Lincoln, Fred S.....	1,150.36
Dulin & Martin Co.....	53.62	Moses & Sons, W. B.....	66.19
Du Perow, M.....	1.85	Shaw-Walker Co.....	3.85
Espey, John B.....	.65	Yawman & Erbe Manufacturing Co.....	289.55
Gallagher & Bro., W. T.....	131.10	Total.....	1,890.67
Gem Colorless Floor Oil Co.....	10.00	<i>Freight.</i>	
General Electric Co.....	.78	Baltimore & Ohio R. R.....	.28
General Fireproofing Co.....	68.20	Knox Express Co., Geo. W.....	3.29
Goodyear Rubber Co.....	12.00	Total.....	3.57
Grant, James H.....	1,330.80		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Plant Industry, 1910 (administrative and miscellaneous), \$48,856—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Adams Express Co. ....	\$5.43	Gilman, Z. D. ....	\$60.57
United States Express Co. ....	.35	Greiner Co., Emil. ....	58.86
Total. ....	5.78	Leese, M. A. ....	2.70
<i>Telegraph.</i>		Luthin, R. H. ....	71.20
Postal Telegraph-Cable Co. ....	1.99	Mackall Bros. ....	182.44
Western Union Telegraph Co. ....	29.46	Mallinckrodt Chemical Works. ....	1.70
Total. ....	31.45	Pullman, E. J. ....	28.75
<i>Telephone.</i>		Sargent & Co., E. H. ....	6.00
Chesapeake & Potomac Telephone Co. ....	142.81	Sheetz, W. Silas. ....	8.40
<i>Apparatus, instruments, and laboratory material.</i>		Shoemaker & Busch. ....	15.68
Baker, Reid S. ....	114.37	Thomas Co., A. H. ....	423.08
Bausch & Lomb Optical Co. ....	379.61	Whitall, Tatum Co. ....	19.31
Boyd Co., F. & O. ....	45.84	Total. ....	1,506.65
Eastman Kodak Co. ....	62.00	<i>Travel and station and field expenses.</i>	
Feigel & Bro., M. ....	1.29	Crews, Nelson C. ....	134.19
Flemer, Lewis. ....	24.85	Galloway, B. T. ....	296.79
		Hartley, C. P. ....	129.59
		Long, W. W. ....	140.55
		Powell, G. Harold. ....	238.50
		Total. ....	939.62

Total amount of appropriation. ....	\$48,856.00
Total expenditures under above groups. ....	46,099.57
Unexpended balance on Aug. 31, 1910. ....	2,756.43
Repayments to credit of appropriation. ....	1.45
Net unexpended balance. ....	2,757.88
Outstanding liabilities (estimated). ....	1,001.85
Balance to be turned back in Treasury (estimated). ....	1,756.03

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (congressional seed distribution) \$262,320."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Tracy, Will W., sr. ....	Superintendent, at \$3,000. ....	\$3,000.00	\$195.63
Whittleton, R. J. ....	Superintendent, at \$2,000. ....	2,000.00	.....
Estabrook, L. N. ....	Assistant, at \$2,250. ....	2,250.00	85.00
Tracy, J. E. W. ....	do. ....	2,250.00	517.37
Oakley, R. A. ....	Assistant, at \$1,800. ....	1,800.00	527.16
Neal, C. A. ....	Assistant, at \$1,500. ....	62.50	.....
Knight, E. Q. ....	Assistant, at \$1,400. ....	1,400.00	.....
Foley, John F. ....	Assistant, at \$900. ....	102.50	.....
Shear, William V. ....	Scientific assistant, at \$1,200. ....	700.00	.....
Reed, Joseph F. ....	Assistant in sugar beet investigations, at \$1,200. ....	300.00	697.70
Shoemaker, Daniel N. ....	Expert, at \$2,000. ....	166.67	.....
Tull, John H. ....	Expert, at \$1,000. ....	286.11	.....
Mayer, August. ....	Expert, at \$900. ....	787.50	.....
Holland, R. B. ....	Inspector, at \$1,000. ....	1,000.00	20.43
Bort, K. S., Mrs. ....	Laboratory aid, at \$1,200. ....	656.67	.....
Hutchinson, Carrie. ....	Laboratory aid in agrostology, at \$720. ....	134.00	.....
Crandall, E. L. ....	Photographer, at \$720 and \$960. ....	828.00	.....



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (congressional distribution), \$262,320"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Harris, Edwin.....	Photographer, at \$60 per month.....	\$59.00	.....
Hettinger, Lena.....	Counter, at \$720.....	464.00	.....
Briggs, Flora E.....	Clerk, stenographer, and typewriter, at \$60 per month.....	38.00	.....
Parsons, Miriam.....	do.....	360.00	.....
Sousa, Antony A.....	Clerk, at \$1,020.....	660.17	.....
Bryan, Ethel V.....	Clerk, at \$600.....	241.67	.....
Weir, Raymond J.....	do.....	150.00	.....
Clagett, Joseph H.....	Carpenter, at \$3.50 per diem.....	542.50	.....
Smith, Aaron.....	Teamster, at \$660.....	660.00	.....
Gilbert, M. M.....	Skilled laborer, at \$660 and \$2 per diem and \$50 per month.....	613.50	.....
Hall, Fred C.....	Laborer, at \$60 per month.....	720.00	.....
Milstead, E. H.....	do.....	720.00	.....
Ramsdell, K. P.....	Laborer, at \$660 and \$720.....	597.50	.....
Hegen, Robert.....	Laborer, at \$2 per diem.....	60.00	.....
Jones, Louis R.....	do.....	106.00	.....
Stewart, Chas. M.....	do.....	86.00	.....
Carberry, James L.....	Laborer, at \$50 per month.....	56.67	.....
Langdale, Helen R.....	do.....	56.67	.....
Marcey, Calvin.....	do.....	25.00	.....
Thomas, James H.....	Laborer, at \$1.75 per diem.....	497.00	.....
Davis, Ira.....	Laborer, at \$45 per month.....	540.00	.....
Fainter, Martha B.....	do.....	45.00	.....
Faunce, Harriet V.....	do.....	540.00	.....
Gartrell, Etta.....	Laborer, at \$45 per month, and assistant, at \$25 per month.....	153.00	.....
Hume, E.....	Laborer, at \$45 per month.....	292.50	.....
Makel, John H.....	Laborer, at \$1.50 per diem and \$45 per month.....	384.00	.....
Mitchell, Annie.....	Laborer, at \$1.50 per diem.....	15.00	.....
Simmel, Vincent.....	do.....	39.00	.....
Brown, Martha A.....	Laborer, at \$35 per month.....	420.00	.....
Rustine, Lucy C.....	do.....	420.00	.....
Byrnes, Lula G.....	Unskilled laborer, at \$50 per month.....	63.33	.....
Galleher, Upton H.....	do.....	400.00	.....
Parker, Branard H.....	Unskilled laborer, at \$1.50 per diem.....	43.50	.....
Taylor, Robert L.....	do.....	46.50	.....
Total.....	.....	27,839.46	.....
<i>Out of Washington.</i>			
Reed, Joseph F.....	Assistant in sugar beet investigations, at \$1,200.....	900.00	.....
Van der Linden, L.....	Expert, at \$900.....	900.00	.....
Kremers, William.....	Special agent, at \$20 per month.....	240.00	\$40.02
Sipe, Susan B.....	Collaborator, at \$1 per month.....	12.00	.....
Jueneman, Henry E.....	Gardener, at \$1,200.....	1,200.00	10.15
Collins, Wm. L.....	Laborer, at \$60 per month.....	720.00	.....
Reid, Lynn C.....	Unskilled laborer, at \$60 per month.....	120.00	.....
Richardson, Albert M.....	do.....	8.00	.....
Total.....	.....	4,100.00	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (congressional seed distribution), \$262,320"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.....	\$9.82	Burton & Son, R. C.....	\$44.88
Andrews Paper Co., R. P.....	53.25	Caine-Crinshaw Co.....	58.00
Andrews Stationery Co., R. P.....	1.60	California Nursery Co.....	10.00
Autographic Register Co.....	27.00	Capital Paper Box Co.....	20.00
Ballantyne, R. Carter.....	29.25	Capital Traction Co.....	100.00
Columbia Ribbon & Carbon Manu- facturing Co.....	3.00	Carter, Dunnett & Beale, Jas.....	274.02
Contingent expenses, Department of Agriculture.....	133.84	Church, W. A. H.....	106.33
Dixon Crucible Co., Joseph.....	1.03	Collins & Co.....	6.70
Easthampton Rubber Thread Co.....	135.90	Collins, John.....	333.75
Lamb & Tilden.....	12.79	Collins, J. Ross.....	1,776.02
Library Bureau.....	2.50	Collins, L. M.....	15.00
Lincoln, Fred S.....	.26	Comstock, Ferre & Co.....	69.25
Lindemeyer, Philip.....	47.50	Consolidated Sales Co. (Inc.).....	2.71
Mann Co., W. M.....	18.30	Contingent expenses, Department of Agriculture.....	313.39
Neidich Process Co.....	1.10	Corry, J. D.....	54.60
Rockwell, Chas. F.....	1.90	Cowel, Arthur.....	101.50
Schmidt, Fred A.....	.32	Coy & Son, Chauncey.....	75.63
Stockett-Fiske Co.....	6.20	Coy Seed Co., Herbert.....	455.66
Stott & Co., Chas. G.....	13.85	Cozier, Carl.....	1.50
Swayze, W. L.....	2.23	Crenshaw, D. M.....	41.00
Typewriter & Office Supply Co.....	12.42	Dakota Improved Seed Co.....	26.40
Union Envelope Co.....	97.80	D'Alcorn, O. W.....	7.50
United States Envelope Co.....	74.98	Dammann & Co.....	3.35
Total.....	685.89	Davidson, T. O.....	18.70
<i>Miscellaneous supplies, etc.</i>		Denaiffe & Son.....	94.68
Aggeler & Musser Seed Co.....	743.62	Dingee & Conard Co.....	176.00
Alexander, F. A.....	9.70	Douglas, W. H.....	29.00
Amalgamated Sugar Co.....	11.10	Dreer, Henry A. (Inc.).....	124.56
American Beet Sugar Co.....	44.00	Du Bose, R. L.....	100.00
Appel Seed Merchants, Conrad.....	155.42	Du Perow, M.....	93.84
Arabal Manufacturing Co.....	8.75	Dutrow, R. Lee.....	4.00
Arkansas Valley Seed House.....	669.40	Dyer, W. H.....	8.00
Armour & Co.....	4.60	Edmonston, Chas. R.....	4.65
Arrington, H. H.....	148.90	Englehart, F. C.....	21.50
Baker, A. C.....	114.00	Espey, John B.....	12.35
Baker & Son, W. L.....	39.00	Evans, Edw. E.....	6.96
Ball & Socket Manufacturing Co.....	21.00	Everett, Thos. M.....	50.00
Bankmann, Richard.....	25.00	Fairbanks, Morse & Co.....	100.40
Barber & Ross.....	32.72	Ferguson, James.....	1.00
Barlow, F. J.....	192.71	Ferrell & Co., A. T.....	159.25
Barnard Co., W. W.....	1,078.71	Ferry & Co., D. M.....	.90
Barrett, W. H.....	908.00	Fish, Henry.....	3,289.96
Barteldes Seed Co.....	1,159.66	Florida Agricultural Experiment Sta- tion.....	69.00
Bates Numbering Machine Co.....	7.00	Flower & Co., S. W.....	14.38
Baugh & Sons Co.....	14.76	Ford, W. T.....	13.00
Bedell Manufacturing Co.....	4.12	Fowl, Julius.....	31.68
Bellingham Sheet Metal Works.....	1.50	Fraser, Thos.....	20.00
Bemis, J. S.....	113.04	Frazer, Thos. E.....	9.50
Bivens, Lee.....	1.00	Freed, J. K.....	2.00
Blum Bros.....	2.08	Fry, S. A.....	16.50
Bobbink & Atkins.....	75.65	Gair Co., Robert.....	178.88
Boddington, Arthur T.....	24.00	Gallither & Bro., W. T.....	8.78
Bodger & Sons Co., John.....	172.75	Gay, J. B.....	50.00
Bolgiano & Co., F. W.....	370.22	General Electric Co.....	32.30
Bowen, Wm. F.....	4.90	Glen St. Mary Nurseries Co.....	668.45
Brabham, A. W.....	6.00	Good & Reese Co.....	2.25
Braslan Seed Growers Co.....	31,223.93	Gorham, John.....	461.00
Brecht Co.....	165.00	Gray, E. L.....	100.00
Breck & Sons, Joseph.....	780.00	Grenell, W. H.....	650.00
Brenner Jewelry Co., John.....	15.20	Griffin Bros. Co.....	48.00
Brent, Chas. S. & Bro.....	581.30	Griffith, D. J.....	600.00
Brooks, Rufus C.....	13.00	Griscom-Spencer Co.....	4.28
Brown Seed Co., Alfred J.....	125.00	Gude Bros. Co.....	18.75
Brown Bag Filling Machine Co.....	67,201.07	Gunson & Co., L. P.....	.88
Bryan, H. E.....	15.00	Gutta Percha & Rubber Manufac- turing Co.....	.45
Buckley, John W.....	43.22	Hardyzer, H. M.....	413.25
Burns, Louis.....	41.25	Hartig, Louis.....	3.09
Burpee & Co., W. Atlee.....	330.15	Hastings & Co., H. G.....	1.25
		Hazelton, E. P.....	.25
		Heiskell & Co., P. H., Jr.....	.24

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Purchase and distribution of valuable seeds, 1910 (congressional seed distribution),  
 \$262,320"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Henderson & Co., Peter.....	\$0.60	Pieters, A. J.....	\$45,533.50
Hewitt, D. D.....	53.20	Pieters Seed Co., A. J.....	1,731.12
Hickory Seed Co.....	27.00	Pieters-Wheeler Seed Co.....	134.64
Hill Co., E. G.....	1.50	Pipkin, James.....	57.09
Hiser, Daniel.....	120.00	Plaster, C. S.....	3.00
Hoffman, A. H.....	11.85	Pomeroy & Co., W. T.....	24.00
Holland Sugar Co.....	33.25	Porter, Geo. T.....	1.75
Hovde, T. P.....	27.00	Pride of the Kitchen Co.....	4.00
Hulett, J. A.....	45.00	Randall, E. J.....	75.00
Hunter, James (Ltd.).....	168.62	Regan, Thomas.....	82.80
Iowa Sugar Co.....	9.90	Register, J. R.....	487.27
Ireland & Pancoast.....	100.36	Remington Typewriter Co.....	4.70
Jackson & Perkins Co.....	30.00	Rice Seed Co., Jerome B.....	9,615.84
Jeffords, S. J.....	96.00	Robinson Seed Co., J. C.....	1,264.40
Johansen, Victor.....	91.95	Robinson, T. P.....	25.56
Johnson & Son, W. W.....	964.75	Roebbing's Sons Co., John A.....	94.50
Jones & Son, J. W.....	205.87	Roehre Co., Julius.....	66.00
Jones Bros.....	158.00	Rogers, E. M.....	727.25
Jorss, A. F.....	32.00	Rogers Bros.....	456.47
Josselyn, Geo. S.....	436.32	Rohnert, Waldo.....	284.20
Keeney & Son, N. B.....	19.86	Ross, F. J.....	4.00
Kenney, Seth H.....	44.65	Routzahn Seed Co.....	1,855.02
Killian, Geo. P.....	132.00	Rozzell, J. M.....	40.00
Kimbrough, J. D.....	87.88	Rudolph & West Co.....	20.74
Kramer, F. H.....	18.03	Rutledge, John J.....	17.69
Kritch, Charles E.....	2.00	St. Louis Sugar Co.....	8.00
Krohn Tobacco Co.....	42.00	San Dimas Citrus Nurseries.....	11.15
Lambie Co., James B. (Inc.).....	10.50	Scharff Bros.....	35.00
Lansburgh & Bro.....	3.98	Scherffius, Wm.....	12.00
Larson Lumber Co.....	40.18	Schmid, Edw. S.....	391.25
Lemmn, William.....	17.35	Schultz Seed Co.....	133.87
Lenawee Seed Co.....	400.50	Seller, C. A.....	.15
Lilly Co., Chas. H.....	1,330.86	Shelby Electric Co.....	11.60
Loeffler, Albert.....	4.00	Sioux City Seed & Nursery Co.....	2,620.19
Lompoc Produce & Real Estate Co.....	1,734.27	Slate Seed Co.....	10.00
Long, A. W.....	263.47	Sligh, James.....	103.47
McGill, John, Jr.....	12.00	Sluis & Groot.....	799.83
Malone, George A.....	1.80	Smith, Earl.....	21.00
Maroney, B. C.....	40.00	Smith, Thos. W.....	34.42
Maulfin Bros.....	152.40	Smith Co., W. & T.....	3.75
Mauls, Wm. Henry.....	35	Spreckles Sugar Co.....	11.70
May Hardware Co., F. P.....	4.50	Stanbra, Chas.....	6.50
May & Co., L. L.....	151.76	Standard Engineering Co.....	127.00
Mayfield, I. J.....	44.06	Standard Oil Co.....	.22
Michigan Sugar Co.....	16.00	Sylvester, Howard.....	16.00
Miller, L. C.....	9.25	Teague, R. M.....	22.10
Millhiser Bag Co. (Inc.).....	114.88	Thomas, Geo. W.....	17.00
Mock, I. A.....	18.50	Thornburn & Co., J. M.....	602.83
Monarch Typewriter Co.....	.50	Topham, James B.....	1.75
Moon Co., Wm. H.....	644.00	Totty, Charles H.....	166.51
Morgan, H. A.....	23.58	Typewriter & Office Supply Co.....	33.72
Morris, Bessie Lee.....	141.60	Underwood Typewriter Co.....	167.25
Morrison, E. H.....	5,874.49	United States Frame & Picture Co.....	3.60
Morrison Mill Co.....	104.27	United States Sugar & Land Co.....	21.00
Morse & Co., C. C.....	707.37	Vanderbilt, J. B.....	172.00
Morse Hardware Co.....	18.00	Van der Shoot & Son, R.....	599.35
Munson Belting Co., Chas.....	3.60	Van Zanten Bros.....	2,138.84
Munson & Son, T. V.....	69.50	Vaughans Seed Store.....	318.19
Murphy Co., E. J.....	28.74	Vilmorin-Andrieux & Co.....	628.31
Muth & Co., Geo. F.....	1.64	Washington Wood Working Co.....	4.00
National Electric Supply Co.....	58.77	Weaver, John S.....	2.50
National Mortar Co.....	6.70	Wester Seed & Irrigation Co.....	170.00
National Sugar Manufacturing Co.....	9.20	Whatcom Flour & Feed Co.....	241.17
Nawrath, J. P.....	106.43	Willet Seed Co.....	375.00
Nelson, W. Bush.....	65.70	Wilson, Hugh.....	96.00
Nicholson, M. J.....	56.00	Wilson Plant Oil & Fertilizer Co.....	34.70
Northrup, King & Co.....	1,269.83	Wisconsin Sugar Co.....	19.80
Northwest Hardware Co.....	84.37	Wood & Sons, T. W.....	688.95
Nungesser & Co., Henry.....	452.45	Woodward & Lothrop.....	23.24
Olds Seed Co., L. L.....	200.00	Woolf & Co., C. M.....	30.17
Owosso Sugar Co.....	9.00	Young, W. H.....	394.55
Payne, J. C.....	12.72	Zanger, O. V.....	22.00
Pelon, Robert.....	104.98		
Pickering Hardware Co.....	69.65	Total.....	209,773.98
Pierson Co., F. R.....	85.00		



## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (congressional seed distribution), \$263,320"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Telephone.</i>	
Hoeke, Wm. H. ....	\$39.50	Chesapeake & Potomac Telephone Co. ....	\$44.36
Library Bureau .....	49.80	Pacific Telegraph & Telephone Co. ....	26.00
Lincoln, Fred S. ....	63.32		
Moses & Sons, W. B. ....	33.80	Total .....	70.36
Typewriter & Office Supply Co. ....	13.20		
Yawman & Erbe Manufacturing Co. ....	17.20	<i>Rent.</i>	
Total .....	216.82	Bliss, Alonzo O. ....	4,800.00
<i>Fuel.</i>		<i>Gas and electricity.</i>	
Johnson Bros. ....	592.75	Potomac Electric Power Co. ....	14.38
Rosslyn Lumber Co. ....	32.50		
Total .....	625.25	<i>Apparatus, instruments, and laboratory material.</i>	
<i>Freight.</i>		Baker, Reid S. ....	84.20
Atchison, Topeka & Santa Fe R. R. ....	1.35	Bausch & Lomb Optical Co. ....	.35
Baltimore & Ohio R. R. ....	505.63	Collins & Co. ....	5.90
Blue Line Transfer Co. ....	28.23	Columbia Photo Supply Co. ....	37.44
Chesapeake & Ohio Ry. Co. ....	39.14	Eastman Kodak Co. ....	12.10
Chicago & Northwestern Ry. Co. ....	3.46	Flemer, Louis. ....	15.26
Detroit & Mackinac Ry. Co. ....	.78	Gilman, Z. D. ....	6.43
Ford, W. T. ....	10.00	Leese, M. A. ....	213.82
Great Northern Ry. ....	1.87	Luthin, R. H. ....	1.00
Holland Sugar Co. ....	15.00	Mackall Bros. ....	11.39
Illinois Central R. R. ....	2.98	Mallinckrodt Chemical Works ....	.60
International & Great Northern R. R. Co. ....	13.50	Pullman, E. J. ....	131.01
Knox Express Co., Geo. W. ....	259.07	Sargent & Co., E. H. ....	22.82
Michigan Central R. R. Co. ....	10.51	Schmidt, Fred A. ....	4.70
Missouri, Kansas & Texas Ry. Co. ....	29.46	Sheetz, W. Silas. ....	104.43
Northern Pacific Ry. Co. ....	28.50	Shoemaker & Busch. ....	8.29
Oregon R. R. & Navigation Co. ....	15.36	Staunton, C. H. ....	35.00
Pennsylvania R. R. Co. ....	1,694.35	Sussman Photo Stock Co., J. ....	9.90
Roosa, I. P. ....	20.93	Thomas Co., A. H. ....	.48
San Antonio & Aransas Pass Ry. ....	9.22	Total .....	705.12
Southern Pacific Co. ....	21.07	<i>Travel and station and field expenses.</i>	
Southern Ry. Co. ....	128.36	Bisset, Peter. ....	140.95
Star Union Line. ....	1.25	Cron, A. B. ....	190.82
Union Pacific Ry. Co. ....	1.07	Dorsett, P. H. ....	180.35
Vanderbilt, J. B. ....	52.16	Estabrook, Leon M. ....	85.00
Washington Southern Ry. ....	194.40	Jueneman, H. E. ....	10.15
Total .....	3,087.65	Kremers, Wm. ....	40.02
<i>Express.</i>		Oakley, R. A. ....	134.81
Adams Express Co. ....	277.46	Reed, Jos. F. ....	362.55
United States Express Co. ....	119.22	Saunders, D. A. ....	4.03
Total .....	396.68	Tracy, J. E. W. ....	517.37
<i>Telegraph.</i>		Tracy, S. M. ....	229.60
Postal Telegraph-Cable Co. ....	6.26	Westgate, J. M. ....	164.96
Western Union Telegraph Co. ....	109.98	Total .....	2,060.61
Total .....	116.24		

Total amount of appropriation .....	\$262,320.00
Total expenditures under above groups .....	254,492.44

Unexpended balance on Aug. 31, 1910 .....	7,827.56
Outstanding liabilities (estimated) .....	6,803.85

Balance to be turned back in Treasury (estimated) .....	1,023.71
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## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Purchase and distribution of valuable seeds, 1910 (forage crop investigations),  
 \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Piper, C. V.	Agrostologist, at \$2,750	\$2,520.83	
Westgate, J. M.	Assistant, at \$1,800	1,800.00	\$685.99
Vinall, H. N.	Assistant, at \$1,400	583.33	613.37
Jones, Mary R.	Assistant, at \$25 per month	62.50	
Ferguson, Helen	Clerk, at \$720	300.00	
Total		5,266.66	
<i>Out of Washington.</i>			
Carrier, Lyman	Collaborator, at \$12	12.00	166.22
Garver, Samuel	Collaborator, at \$1 per month	1.50	147.19
Goddard, L. H.	Collaborator, at \$12	12.00	
Schmitz, Nickolas	Collaborator, at \$1	.16	
Price, Frank	Laborer, at \$25 per month	125.00	
Cook, John	Unskilled laborer, at \$2 per diem	365.00	
Keffer, Jackson	Unskilled laborer, at \$25 per month	50.00	
Total		565.66	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Adams Stamp & Seal Co., S. G.	\$2.00	Jones, T. C.	\$6.50
Andrews Paper Co., R. P.	2.00	Joyce Engraving Co., The Maurice	1.38
Contingent expenses, Department of Agriculture	43.15	Keasby & Mattison Co.	2.03
Lamb & Tilden	2.60	Kritch, Charles E.	15.50
Mann Co., Wm.	18.30	Lansburgh & Bro.	14.30
Rockwell, Chas. F.	1.12	Lloyd, S. C.	11.00
Schmidt, Fred. A.	2.05	McCulloch, Fred.	11.25
Swayze, W. L.	4.10	McPherson & Herod	9.00
United States Envelope Co.	12.27	Matthews, D. O.	23.00
Total	87.59	Munson Belting Co., Chas.	1.18
<i>Miscellaneous supplies, etc.</i>		Nawrath, J. P.	20.00
Anderson & Borden	4.25	Northcutt, C. L.	4.50
Appel, Conrad	34.25	Northrup, King & Co.	5.56
Armour & Co.	3.40	Olds Seed Co., L. L.	9.70
Bauer & Black	.42	Pochman, Wm., Jr.	4.35
Bedell Manufacturing Co.	3.63	Pochman, Wm. sr.	120.00
Betz, Ernest	6.00	Remington Typewriter Co.	.60
Black Bros.	3.48	Rudolph & West Co.	.53
Blacksburg Power & Supply Co.	22.10	Sanders, G. T.	20.12
Brewer, Norman S.	75.00	Smith Premier Typewriter Co.	80.00
Burton & Son, R. C. M.	2.00	Sutton & Sons	20.55
Carl, Frederick	13.50	Thorburn & Co., J. M.	25.24
Chillicothe Lumber Co.	76.65	Townsend, E. C.	6.00
Contingent expenses, Department of Agriculture	17.71	Underwood, C. W.	42.24
Cook, John	54.00	Vilmorin-Andrieux & Co.	6.57
Davis, Clarendon	16.00	Webb & Sons, Edw.	17.27
Efinger, J. P.	19.04	Willet Seed Co., N. L.	16.45
Espey, John B.	4.91	Wood & Sons, F. W.	24.30
Gaines, S. W.	7.65	Total	966.43
Garton's (Ltd.)	11.70	<i>Furniture.</i>	
Harrington & King Perforating Co.	27.00	Geoe, E. W.	3.00
Higgins, J. H.	35.50	Lincoln, Fred S.	11.70
Hoge & McDowell Co.	1.87	Moses & Sons, W. B.	7.20
Hungerford Brass & Copper Co., U. T.	.65	Yawman & Erbe Manufacturing Co.	8.25
Jenks & Son, W. S.	6.60	Total	30.15

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Purchase and distribution of valuable seeds, 1910 (forage crop investigations),  
 \$10,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Apparatus, instruments, and labora- tory material.</i>	
Knox Express Co., The Geo. W. ....	\$2.64	Baker, Reid S. ....	\$5.00
Pennsylvania Ry. ....	38.10	Bausch & Lomb Optical Co. ....	7.28
Roosa, I. P. ....	16.72	Eastman Kodak Co. ....	26.40
Southern Ry. Co. ....	1.18	Gilman, Z. D. ....	14.25
Washington-Southern Ry. Co. ....	2.18	Leese, M. A. ....	25.80
Total. ....	60.82	Mallinckrodt Chemical Co. ....	1.25
<i>Express.</i>		Miller & Son, W. A. ....	45.30
Adams Express Co. ....	5.75	Roanoke Cycle Co. ....	21.17
United States Express Co. ....	20.18	Spencer Lens Co. ....	25.30
Total. ....	25.93	Sproul, W. C. ....	20.80
<i>Telegraph.</i>		Total. ....	192.55
Postal Telegraph-Cable Co. ....	.65	<i>Travel and station and field expenses.</i>	
Western Union Telegraph Co. ....	27.43	Carrier, Lyman. ....	166.22
Total. ....	28.08	Conner, A. B. ....	328.71
<i>Telephone.</i>		Cron, A. B. ....	401.59
Chesapeake & Potomac Telephone Co. ....	2.90	Morse, Wm. J. ....	51.10
		Oakley, R. A. ....	375.15
		Piper, C. V. ....	30.45
		Schmitz, Nickolas. ....	51.89
		Vinall, H. N. ....	470.83
		Westgate, J. M. ....	288.37
		Total. ....	2,164.31

Total amount of appropriation. .... \$10,000.00

Total expenditures under above groups. .... 9,391.08

Unexpended balance on Aug. 31, 1910. .... 608.92

Outstanding liabilities (estimated). .... 230.25

Balance to be turned back in Treasury (estimated). .... 378.67

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Purchase and distribution of valuable seeds, 1910 (foreign seed and plant introduc-  
 tion), \$45,640."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Fairchild, D. C. ....	Explorer, at \$2,750. ....	\$2,520.82	\$217.44
Meyer, Frank N. ....	Agricultural explorer, at \$1,600. ....	133.33	4,042.37
Dorsett, P. H. ....	Expert, at \$2,750. ....	2,291.66	1,177.07
Oliver, G. W. ....	Expert, at \$2,000. ....	833.33	.....
Bisset, Peter. ....	Expert, at \$1,800. ....	1,125.00	655.25
Van Fleet, Walter. ....	do. ....	600.00	477.95
Coucher, Edward. ....	Expert, at \$1,000 and \$1,200. ....	1,091.67	10.95
Fischer, W. ....	Assistant, at \$1,400. ....	466.66	.....
Young, R. A. ....	Assistant, at \$1,200. ....	1,200.00	106.78
Evans, M. W. ....	Assistant, at \$1,080. ....	225.00	.....
Anderson, Matthew N. ....	Clerk, at \$1,020. ....	850.00	.....
Hiatt, Mabel B. ....	Clerk, stenographer, and typewriter, at \$75 per month. ....	217.50	.....
Noel, May C. ....	Clerk, stenographer, and typewriter, at \$720. ....	360.00	.....
Cramer, Pearl P. ....	Clerk, typewriter, at \$720. ....	60.00	.....
Bryan, Ethel V. ....	Clerk, typewriter, at \$600. ....	50.00	.....
Lee, Thomas. ....	Gardener, at \$720. ....	690.00	.....
Tracey, Lewis T. ....	Carpenter, at \$3.50 per diem. ....	185.50	.....
Hubbard, Anna M. ....	Unskilled laborer, at \$50 per month, and clerk, at \$720. ....	287.67	.....
Total. ....		13,188.14	.....



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (Foreign seed and plant introduction), \$45,640"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Dorsett, P. H.	Expert, at \$2,750.	\$458.34	
Van Fleet, Walter.	Expert, at \$1,800.	1,130.00	
Allison, John H., jr.	Expert, at \$800.	800.00	\$24.91
Tracy, W. W., jr.	Assistant botanist, at \$1,800.	450.00	3.85
Meyer, F. N.	Agricultural explorer, at \$1,600.	1,466.67	
McKee, Roland.	Scientific assistant, at \$1,200.	500.00	
Evans, Morgan W.	Scientific assistant, at \$1,080.	540.00	
Beagles, R. L.	Special agent, at \$75 per month, and \$1,080.	982.50	
Benson, W. D.	Special agent, at \$60.	60.00	
Nehrling, H.	Collaborator, at \$300.	300.00	
Beach, S. A.	Collaborator, at \$12.	12.00	
Aaronsohn, Aaron.	Collaborator, at \$1.	.20	
Barrett, O. W.	do.	1.00	
Lyon, Wm. S.	do.	.13	
Parker, Edw. C.	do.	1.00	
Richardson, W. C.	do.	.41	
Chapin, L. J.	Laborer, at \$60 per month.	152.00	
Booth, Chas.	Laborer, at \$2 per diem.	592.00	
Bower, Wm.	do.	618.00	
Campbell, J. D.	do.	52.00	
Fraser, Geo.	do.	22.00	
Lett, C. F.	do.	5.00	
Miser, Edw.	Laborer, at \$2 per diem, and unskilled laborer, at \$720.	664.00	
Sieger, Adam.	Laborer, at \$2 per diem.	626.00	
Traber, J.	do.	62.00	
Wildpret, Chris.	do.	158.00	
Wood, C. P.	do.	120.00	
Gillespie, John.	Unskilled laborer, at \$2 per diem.	52.00	
Keplinger, F. W.	do.	28.00	
Kimball, W. M.	do.	18.00	
Thompson, Chester.	do.	164.00	
Waddam, W. H.	do.	14.00	
Rothgeb, B. E.	Unskilled laborer, at \$50 per month.	200.00	
Total.		10,249.25	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
American Lead Pencil Co.	\$3.36	United States Paper Goods.	\$9.40
Andrews Paper Co., R. P.	23.50	Universal Supply Co.	.35
Ballantyne, R. Carter.	1.95	Valley Paper Co.	22.75
Chico Book Store.	26.80	Yawman & Erbe Manufacturing Co.	1.80
Clarke Co., R. P.	4.00	Zellerbach Paper Co.	11.00
Columbia Ribbon & Carbon Manufacturing Co.	.79	Total.	780.24
Contingent expenses, Department of Agriculture.	132.51	<i>Miscellaneous supplies, etc.</i>	
District of Columbia Paper Manufacturing Co.	6.36	Advance Co.	7.70
Lamb & Tilden.	2.05	Aggeler & Musser Seed Co.	1.85
Library Bureau.	41.38	Allen's Garage.	3.00
Lincoln, Fred. S.	2.25	American Can Co.	4.20
Lindenmeyer & Sons, Henry.	4.16	American Florist Co.	1.00
Lindemeyer, Philip.	371.20	American Multigraph Sales Co.	338.35
Mann Co., Wm.	18.30	American Steel Pipe & Tank Co.	265.18
Siebert, John F.	2.40	Anderson, F. M.	12.75
Stockett-Fiske Co.	10.20	Anderson & Co.	25.44
Swayze, W. L.	3.43	Araka, James.	30.00
Union Envelope Co.	3.07	Arnold, Arboretum.	80.00
United States Envelope Co.	77.23	Bailey, Harry.	25.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (foreign seed and plant introduction), \$45,640"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Baker & Hamilton.....	\$44.98	Hiser, Daniel.....	\$117.00
Ball & Socket Manufacturing Co.....	14.00	Hood, C. A.....	7.00
Bankmann, Richard.....	3.25	Hubbard-Earl Co.....	116.71
Barbier & Co.....	4.82	Hubbell, L. L.....	340.83
Barefield, T. K.....	7.80	Husbands, José D.....	47.50
Barnard Livery Co.....	90.75	International Harvester Co. of America	2.40
Barr & Sons.....	34.92	Jeffery, George S.....	274.75
Bauer Germinator Co.....	5.50	Jenks & Son, W. S.....	42.50
Bedell Manufacturing Co.....	.71	Jones & Co., Jas. H.....	149.12
Bonary, Ernest.....	1.03	Kendall Co., J. B.....	80.89
Bernstein Manufacturing Co.....	19.50	Keplinger, F. W.....	.80
Bicknell, Harry C.....	1.00	Kesseiring, A. J.....	3.00
Bobbink & Atkins.....	30.00	Kneesis Son, K.....	12.00
Bolgiano & Co., F. W.....	30.40	Knowles, Horace G.....	23.55
Booth, Charles.....	2.16	Krieselmeyer, Sophie, Frau.....	8.33
Botanical and Forestry Department,		Kritch, Charles E.....	18.00
Hongkong.....	13.90	Lambie Co., James B. (Inc.).....	.74
Brentano's.....	24.00	Lansburgh & Bro.....	10.00
Brow, Jas. T.....	3.75	Latham & Co.....	23.44
Buckley, John W.....	435.00	Lavender & Co., G. H.....	247.87
Burton & Son, R. C. M.....	10.00	Lechner, H. J.....	110.25
Butler, Hamilton.....	9.59	Lee Pharmacy.....	.75
California Fruit Grower.....	2.00	Lemoine & Fils, V.....	1.45
Canfield, E. E.....	3.25	Lord & Burnham Co.....	18.00
Carl, Fred.....	14.00	Lord & Burnham Co.....	95.00
Carter, Dunnett & Beale, Jas.....	1.56	Lounsbury, Chas. P.....	2.50
Chesapeake Supply Co.....	3.47	Lyon, Wm. S.....	56.20
Chico Book Store.....	83.20	McFeely Hardware Co., J. A.....	109.08
Chico Construction Co.....	72.50	Magee, J. W.....	5.98
Chico Nursery Co.....	18.30	Magill, Samuel E.....	9.46
Chico Soda Works.....	9.00	Main, T. F.....	20.08
Church, W. A. H.....	138.53	Maney, T. J.....	25.00
Clarke Co., R. P.....	38.72	Mann & Co., P.....	28.00
Clarke Son, Wm. Wirt.....	30.00	Meehan & Sons (Inc.), Thomas.....	29.10
Clifford, G. P.....	37.50	Merriam Pharmacy.....	1.13
Coffin, William.....	38.18	Miller Co., F. W.....	.64
Contingent expenses, Department of		Miller Co., H. C.....	1.35
Agriculture.....	235.81	Minnix Co., N. M. (Inc.).....	16.00
Cook, John.....	54.00	Mizer, Edw.....	.50
Cooney Lumber Co.....	46.00	Miser, Edward.....	2.50
Corman & Co., J. W.....	120.00	Moninger Co., John C.....	72.21
Crane Co.....	2.20	Moore, W. H.....	2.10
Cuyler & Mohler.....	4.99	Moore Co.....	42.50
Dalrymple, D. M.....	8.00	Morse & Co., C. C.....	49.67
Despain, M.....	130.60	Murphy Hardware Co., J. G.....	10.75
Diamond Watch Co.....	101.65	Musselman, A. C.....	.45
Dicksons (Ltd.).....	3.77	Muth & Co., Geo. F.....	5.04
Diller, Caskey, Keen.....	20.50	Myres, Mrs. P.....	4.00
Draper Manufacturing Co.....	.75	National Electric Supply Co.....	2.65
Dreer, Henry A. (Inc.).....	194.11	Nawrath, J. P.....	84.50
Dumas, V.....	26.14	Nichols Hardware Co.....	173.26
Eberly's Sons.....	21.25	Norton, Edw. J.....	3.15
Economy Store.....	14.34	Nottleman, Fred. J.....	1.25
Espey, John B.....	.67	Nungesser & Co., Henry.....	40.00
Fairbanks Co.....	12.50	Oliver Typewriter Co.....	.54
Fanlan, F.....	26.00	Oser & Co., M.....	3.30
Fanning, Chas. J.....	41.00	Pacific Guano & Fertilizer Co.....	34.25
Farquhar & Co., R. & J.....	15.00	Pacific Rural Press.....	2.00
Fetters & Williams.....	3.25	Park Avenue Cash Store.....	.20
Gallier & Bro., W. T.....	37.29	Park Garage.....	2.80
Germieller, J. P.....	2.10	Park Stables.....	108.00
Gillespie & Sons, L. C.....	63.62	Pearson & Son, J. R.....	3.28
Glen St. Mary Nurseries Co.....	97.55	Pere, Colombo.....	65.63
Grein, Philip.....	18.00	Postmaster, J. W. Magee.....	1.50
Griswold Lumber Co.....	43.63	Randolph Paper Box Co.....	11.25
Haage & Schmidt.....	5.89	Redwood Manufacturers Co.....	78.00
Harlan, T. E.....	16.00	Remington Co., T. W.....	.75
Chico Iron Works.....	49.39	Rivers & Son, Thos.....	40.15
Hartig, Louis.....	1.40	Roberts, C. J.....	56.40
Heacock Co., Joseph.....	10.00	Roberts, L. E.....	8.35
Heinemann, F. C.....	4.24	Roper & Son, J. W.....	6.00
Hill Co., E. G.....	197.17	Rose Bros.....	26.00
Hintz, H. A.....	1.65	Royal Botanic Garden.....	13.55

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Purchase and distribution of valuable seeds, 1910 (foreign seed and plant introduction), \$45,640"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight—Continued.</i>	
Royal Horticultural Society.....	\$3.65	St. Louis, Brownsville & Mexico Ry. Co.....	\$39.53
Rudolph & West Co.....	9.34	Southern Pacific Co.....	84.64
Schaw-Batcher Co. (Pipe Works).....	66.05	Southern Ry. Co.....	.75
Schindel, J.....	14.00	Washington Southern Ry.....	9.23
Schmid, Edw. S.....	456.65	Total.....	511.01
Schott, M.....	44.00	<i>Express.</i>	
Selle & Co., H. W.....	9.00	Adams Express Co.....	107.47
Shaw, Ray P.....	37.50	United Express Co.....	237.93
Shelby Electric Co.....	1.45	Wells, Fargo & Co., Express.....	28.12
Shilling, Geo.....	3.00	Total.....	373.52
Simpson, L. M.....	106.83	<i>Telegraph.</i>	
Smith & Co., Elmer D.....	23.85	Postal Telegraph-Cable Co.....	1.54
Smith, Thos. W.....	36.48	Western Union Telegraph Co.....	55.68
Somerville Co., Thos.....	112.12	Total.....	57.22
Spath, L.....	3.90	<i>Telephone.</i>	
Standard Oil Co.....	60.54	Cheasapeake & Potomac Telephone Co.....	23.40
Stechert & Co., G. G.....	3.25	Pacific Telephone & Telegraph Co....	129.75
Stewart Co., J. B.....	56.65	Total.....	153.15
Stone, Esther L.....	59.94	<i>Gas and electricity.</i>	
Stuart Low Co.....	1.22	Potomac Electric Power Co.....	101.17
Taber & McClard.....	14.33	<i>Apparatus, instruments, and laboratory material.</i>	
Thompson & Morris Co.....	24.00	Baker, Reid S.....	115.23
Tono, Luis.....	35.43	Chico Book Store.....	16.70
Tormey Co.....	.30	Columbia Photo Supply Co.....	12.48
Trundle, E. H.....	12.00	Eastman Kodak Co.....	150.92
Typewriter & Office Supply Co.....	4.50	Elmer & Amond.....	4.88
Underwood Typewriter Co.....	26.25	Flemer, Louis.....	1.06
Union Oil Co., of California.....	126.27	Gaertner & Co., Wm.....	12.00
United States Bindery.....	2.00	Gilman, Z. D.....	15.50
Veitch & Sons, Jas. (Ltd.).....	4.55	Keuffel & Esser Co.....	43.45
Vilmorin-Andrieux & Co.....	61.38	Lee Pharmacy.....	4.00
Vollmer & Co.....	53.16	Leece, M. A.....	169.79
Washington Wood Working Co.....	4.20	Lewis, J. L.....	7.28
White, J. St. Clair.....	10.00	Luthin, R. H.....	1.08
Woodward & Lothrop.....	10.40	Mackall Bros.....	2.61
Zellerbach Paper Co.....	50.00	Mallinckrodt Chemical Works.....	2.31
Zon, Anna.....	23.66	Pullman, F. J.....	67.96
Total.....	8,323.45	Sheetz, W. Silas.....	67.63
<i>Furniture.</i>		Shoemaker & Busch.....	13.76
Chico Book Store.....	26.35	Sussman Photo Stock Co., J.....	9.35
Derby Desk Co.....	78.00	Towles Studio.....	12.80
Library Bureau.....	5.70	Total.....	735.79
Lincoln, Fred S.....	50.75	<i>Travel and station and field expenses.</i>	
Moses & Son, W. B.....	12.40	Allison, J. H., jr.....	24.91
Typewriter & Office Supply Co.....	.75	Baker, Geo. S.....	28.50
Yawman & Erbe Mfg. Co.....	9.50	Bisset, Peter.....	514.29
Total.....	183.45	Clarke, F. W.....	491.35
<i>Freight.</i>			
Butte County Railroad Co.....	20.00		
Chicago & Northwestern Ry. Co.....	2.09		
Erie R. R. Co.....	.39		
Florida East Coast Ry.....	2.25		
Geo. W. Knox Express Co., The.....	4.28		
McNab & Smith.....	.30		
Morgan's Louisiana & Texas R. R. & Steamship Co.....	166.80		
Norfolk & Washington Steamboat Co.....	12.51		
Parker, Edward C.....	21.04		
Pennsylvania R. R. Co.....	33.84		
Roosa, I. P.....	113.36		



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Purchase and distribution of valuable seeds, 1910 (foreign seed and plant introduction), \$45,640"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Cron, A. B. ....	\$2.00	Morse, W. J. ....	\$69.45
Cron, A. B. ....	5.45	Piper, C. V. ....	755.93
Dorsett, P. H. ....	727.19	Schultz, Henry F. ....	184.55
Evans, M. W. ....	370.28	Tracy, S. M. ....	122.74
Fairchild, David G. ....	170.65	Tracy, W. W., Jr. ....	3.85
Galloway, B. T. ....	324.65	Van Fleet, W. ....	477.95
Garver, Samuel. ....	147.19	Vinall, H. N. ....	142.54
Goucher, Edward. ....	10.95	Westgate, J. M. ....	232.66
Klopfer, Henry. ....	42.70	Young, R. A. ....	106.78
McKee, Roland. ....	575.42		
Meyer, F. N. ....	4,042.37	Total. ....	9,574.35

Total amount of appropriation. .... \$45,640.00  
 Total expenditures under above groups. .... 44,230.74

Unexpended balance on Aug. 31, 1910. .... 1,409.26  
 Outstanding liabilities (estimated). .... 1,031.19  
 Balance to be turned back in Treasury (estimated). .... 378.07

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Paper tests,<sup>1</sup> 1910, \$10,000 (allotted to Bureau of Plant Industry, \$439.25)."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cobb, N. A. ....	Technologist, at \$3,000. ....	\$250.00	.....
Staves, Marion C. ....	Clerk, at \$660. ....	82.50	.....
Total. ....		332.50	.....
<i>Out of Washington.</i>			
Edmundson, Lewis W. ....	Collaborator, at \$3 per diem. ....	29.25	.....
Fields, Ovid. ....	do. ....	15.56	.....
Hancock, James T. ....	do. ....	11.25	.....
Matheny, John E. ....	do. ....	5.25	.....
Hook, W. A. ....	Collaborator, at \$2.50 per diem. ....	10.00	.....
Murphy, Isaiah C. ....	do. ....	10.94	.....
O'Hair, Harvey C. ....	Collaborator, at \$2 per diem. ....	24.50	.....
Total. ....		106.75	.....

<sup>1</sup> Total amount of this appropriation allotted to Bureau of Plant Industry. .... \$439.25  
 Total expenditures under above groups. .... 439.25

Unexpended balance on Aug. 31, 1910. .... 0.00  
 NOTE.—See also Forest Service.

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Paper tests (\$10,000) balance available July 1, 1909, \$2,527.48."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Edmundson, L. W.....	Collaborator, at \$3 per diem.....	\$9.38	
Fields, Ovid.....	do.....	18.00	
Hancock, J. T.....	do.....	24.00	
Matheny, J. E.....	do.....	9.75	
Hook, W. A.....	Collaborator, at \$2.50 per diem.....	5.00	
Murphy, I. C.....	do.....	6.88	
O'Hair, H. Z.....	Collaborator, at \$2 per diem.....	12.00	
Total.....		85.01	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight.</i>	
Schmidt, Fred A.....	\$7.75	Baltimore & Ohio R. R.....	\$4.29
Swayze, W. L.....	4.32	Blue Line Transfer Co.....	.25
		Pennsylvania R. R. Co.....	.82
Total.....	12.07	Total.....	5.36
<i>Miscellaneous supplies, etc.</i>		<i>Express.</i>	
Barber & Ross.....	15.60	Adams Express Co.....	4.60
Contingent expenses, Department of Agriculture.....	73.10	United States Express Co.....	2.55
Fields, Ovid.....	11.93	Total.....	7.15
Fowler Co., C. L.....	113.50	<i>Telegraph.</i>	
Fries, Beall & Sharp Co.....	1.25	Western Union Telegraph Co.....	1.36
Hancock, Jas. Thos.....	32.68	<i>Apparatus, instruments, and laboratory material.</i>	
Hook, W. A.....	5.60	Bausch & Lomb Optical Co.....	267.30
Hutterly, A. O.....	12.50	Eastman Kodak Co.....	15.00
Johns-Manville Co., H. A.....	28.27	Eimer & Amend.....	239.61
Lambie Co., James B (Inc.).....	.80	Schopper, Louis.....	525.86
Matheny, J. E.....	20.10	Spencer Lens Co.....	4.50
Murphy Co., E. J.....	4.02	Thomas Co., A. H.....	66.95
Muth & Co., Geo. F.....	.75	Total.....	1,119.22
National Enameling & Stamping Co.....	1.02		
Rivett Lathe Manufacturing Co.....	237.82		
Rudolph & West Co.....	3.30		
Schneider's Sons, C. A.....	1.60		
Sherwood, Geo. R.....	700.00		
Styles, Mary E.....	5.85		
Total.....	1,269.69		
<i>Furniture.</i>			
Lansburg Furniture & Carpet Co., J.....	1.75		

Total amount of appropriation.....	\$2,527.48
Total expenditures under above groups.....	2,501.61
Unexpended balance on Aug. 31, 1910.....	25.87
Outstanding liabilities (estimated).....	0.00
Balance to be turned back in Treasury (estimated).....	25.87

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Buildings, Department of Agriculture, \$1,500,000." Balance available July 1, 1909, \$1,251.10.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alexandria Iron Works.....	\$475.23	Washington Times Co.....	\$35.10
Beall Construction Co., R. J.....	141.12		
Brown & Son, Thos. A.....	97.00	Total.....	968.15
Electrical Testing Laboratories.....	21.70		
Ornamental Iron Works.....	68.00	<i>Express.</i>	
Saers & Son, C. L.....	130.00	United States Express Co.....	.25

Total amount of appropriation available July 1, 1909..... \$1,251.10  
Total expenditures under above groups..... 968.40

Unexpended balance on Aug. 31, 1910..... 282.70  
Outstanding liabilities (estimated)..... 0.00

Balance to be turned back in Treasury (estimated)..... 282.70

## RECAPITULATION.

Statutory salaries.....	\$206,807.51
Lump-fund salaries:	
In Washington.....	440,042.07
Outside of Washington.....	363,564.60
Stationery.....	15,347.70
Miscellaneous supplies and services, equipment, books, machinery, etc.....	338,055.11
Furniture.....	15,071.33
Fuel.....	1,787.61
Freight.....	4,828.46
Express.....	3,024.46
Telegraph.....	1,014.12
Telephone.....	1,254.47
Rent.....	9,985.66
Gas and electricity.....	2,135.07
Apparatus, instruments, and laboratory material.....	27,351.99
Travel and station and field expenses.....	181,321.95
Total for entire Bureau of Plant Industry.....	1,611,592.11
Total amount of appropriations.....	1,696,117.36
Total expenditures under above groups.....	1,611,592.11
Unexpended balance on Aug. 31, 1910.....	84,525.25
Repayments to credit of appropriation.....	85.33
Net unexpended balance.....	84,610.58
Outstanding liabilities (estimated).....	36,663.16
Balance to be turned back in Treasury (estimated).....	47,947.42

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## PROJECTS.

The principal projects conducted by the Bureau of Plant Industry during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

Appropriation: General expenses, Bureau of Plant Industry, 1910.

## ADMINISTRATION.

[BEVERLY T. GALLOWAY, Chief of Bureau; ALBERT F. WOODS and G. HAROLD POWELL, Assistant Chiefs of Bureau.]

Salaries, statutory.....	\$58,520.50
Salaries, lump-fund.....	33,180.67
Miscellaneous expenses and supplies.....	14,454.44
Traveling and field expenses.....	1,220.89
Total appropriation.....	<u>107,376.50</u>

Expended as follows:

## (1) Office of chief of bureau:

General administration of bureau affairs, including correspondence, filing and indexing same; appointments; changes in grade; compilation of reports for congressional and other purposes; counting of franks, correspondence and accounting in connection with congressional distribution of seeds and plants; pay rolls; leaves of absence, and other executive details. \$8,365.03

## Salaries, lump-fund roll—

Anderson, Matthew N., clerk.....	170.00
Bombrey, Elizabeth, charwoman.....	77.33
Bort, Katherine S., laboratory aid.....	500.00
Bowles, Stephen H., unskilled laborer.....	170.00
Brown, Lottie (Pinkney), unskilled laborer.....	240.00
Callahan, J. A., unskilled laborer.....	31.00
Campbell, Susan T., clerk.....	200.00
Carter, Emma Jane, unskilled laborer.....	240.00
Clarke, Harold H., clerk.....	525.00
Conner, James B., cabinetmaker.....	1,080.00
Cory, Victor L., scientific assistant.....	1,000.00
Crews, Nelson C., special agent.....	670.00
Dawson, Charles W., unskilled laborer.....	690.00
Delevigne, Joseph, unskilled laborer.....	30.00
Ferguson, Helen, laboratory aid.....	420.00
Freeman, Lucy, charwoman.....	36.00
Galleher, Upton H., unskilled laborer.....	200.00
Garner, Sarah L., charwoman.....	180.00
Honemond, Virginia B., charwoman.....	40.00
Howell, Herbert H., clerk.....	840.00
Hudson, Douglass G., clerk.....	562.50
Jamieson, Annie, charwoman.....	360.00
Jones, Robert, unskilled laborer.....	327.00
King, Amelia, unskilled laborer.....	164.00
Kingston, Grace N., clerk.....	225.00
Lacey, Nora A., unskilled laborer.....	450.67
Louys, Peter Edw., greenhouse assistant.....	57.33
McConica, Charles E., unskilled laborer.....	655.00
McKee, Roland, scientific assistant.....	782.50
Marcey, Calvin, unskilled laborer.....	575.00
Martyn, John W., clerk.....	147.50
Morse, Wm. J., scientific assistant.....	1,080.00
Northrop, A. S., law clerk.....	245.01
Oliver, G. W., expert.....	166.67
Penfield, Cora A., clerk.....	525.00
Peters, B. L., unskilled laborer.....	160.00
Priest, Alban C., teamster.....	600.00
Quirk, Agnes, laboratory aid.....	50.00

## (1) Office of chief of bureau—Continued.

## Salaries, lump-fund roll—Continued.

Ramsdell, Katherine P., unskilled laborer.....	\$90.00
Ratcliffe, Ella B., clerk.....	90.00
Robinson, Robert, unskilled laborer.....	54.00
Ross, Lillie C., charwoman.....	23.33
Scribner, F. Lamson, special agent.....	2,500.00
Sievers, Henry W., plumber.....	520.00
Smith, Mary I., charwoman.....	480.00
Thornton, Daisy, unskilled laborer.....	200.00
Trigg, W. S., student assistant.....	12.50
Vinall, Harry N., scientific assistant.....	816.67
Warren, Marie J., clerk.....	132.00
Whitehead, Wiley S., greenhouse assistant.....	38.33
Whittlesey, Wm. H., unskilled laborer.....	108.00
Yonce, Wm. B., greenhouse assistant.....	53.33

## Salaries, statutory—

Butler, John L., plumber.....	296.33
Callander, Wm. F., clerk.....	1,800.00
Galloway, Beverly T., chief of bureau.....	5,000.00
Gordon, Edith, clerk.....	1,200.00
Jones, James E., chief clerk.....	2,250.00
Jones, Robert, laborer.....	220.00
Leapley, H. T., plumber.....	21.00
Mann, Howard Q., messenger.....	558.67
Marcy, Wm. L., clerk.....	1,800.00
Smith, W. A., carpenter.....	840.00
Sullivan, W., laborer.....	660.00
Taylor, William E., clerk.....	1,800.00
Welborn, Ella, clerk.....	880.00
Williams, Augusta H., clerk.....	1,200.00
Woodward, Charles R., plumber.....	450.34
Zell, Carrie, clerk.....	1,000.00

\$47,932.04

## (2) Office of assistant chief of bureau:

Assisting the chief of bureau in the administration of bureau affairs, keeping records of projects, cooperative agreements, contracts, etc.; issuance of requests for authorizations, and rental and care of leased buildings.....

2,115.85

## Salaries, lump-fund roll—

Harrison, Carrie, botanical assistant.....	1,600.00
Kause, Robert L., laboratory aid.....	100.00
Marmion, Bessie, minor clerk.....	720.00
Martin, Joseph, unskilled laborer.....	60.00
Powell, G. Harold, assistant chief of bureau.....	1,458.34
Towles, Robert C., messenger boy.....	56.67
Woods, Albert F., assistant chief of bureau.....	2,041.66

## Salaries, statutory—

Bradley, Ernest H., clerk.....	1,800.00
Etheridge, Joe W., messenger boy.....	280.00
Fealy, Nellie E., executive clerk.....	1,980.00
Flaherty, Emery R., messenger.....	349.34
Lewis, C. I. M., messenger boy.....	10.00
Long, Wm. W., executive assistant.....	1,980.00
Moise, Frederic S., clerk.....	1,200.00
Page, John E., skilled laborer.....	720.00
Smith, Lydia J., clerk.....	990.00
Whitlock, Harry T., messenger boy.....	133.33
Wulfert, Margaret A., clerk.....	882.50

18,477.69

## (3) Office of records (auditing and accounting):

Keeping accounts of all financial operations of the bureau, auditing of vouchers for traveling and other expenses; recording of contracts, leases, letters of authorization for travel, etc.; preparing of congressional and other reports, and manifolded circular letters for all offices of the bureau.....

656.76

## (3) Office of records (auditing and accounting)—Continued.

## Salaries, lump-fund roll—

Ball, James S., clerk.....	\$325. 00
Miller, Dorothy, clerk.....	187. 50
Taylor, James Anderson, clerk.....	373. 33

## Salaries, statutory—

Albee, Robert S., clerk.....	1, 600. 00
Ball, William A., clerk.....	1, 400. 00
Baxter, Mary A., clerk.....	1, 000. 00
Collier, Wm., clerk.....	1, 200. 00
Cox, Wm. P., officer in charge of records.....	2, 000. 00
Gochenour, Wm. P., clerk.....	1, 600. 00
Lewis, Ella, clerk.....	840. 00
Miller, Walter L., messenger boy.....	517. 50
Phelps, Nora H., clerk.....	1, 000. 00
Ross, Matilda, clerk.....	1, 000. 00
Saunders, Belle C., clerk.....	1, 600. 00
Sliter, E. L., clerk.....	900. 00

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 \$16, 200. 09

## (4) Office of supplies and property:

Purchase, delivery, and recording supplies and property for laboratory and field equipment and miscellaneous needs of the bureau; compilation of complete inventory of property; drawing requisitions, and supervision and certification of express and freight shipments.....

2, 623. 43

## Salaries, lump-fund roll—

Bundy, Edward W., laborer.....	113. 33
Clark, Howard M., unskilled laborer.....	448. 33
Jones, Frank, clerk.....	750. 00

## Salaries, statutory—

Dickerson, Ernest O., skilled laborer.....	480. 00
Escavaille, Charles L., clerk.....	1, 066. 66
Maxwell, Guy R., skilled laborer.....	900. 00
Meloy, Francis E., clerk.....	1, 600. 00
Sweet, Merle L., clerk.....	1, 400. 00

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 9, 381. 75

## (5) Editorial office:

Preparation of manuscript for printing; proof reading, indexing, and other details of issuing and distributing publications of the bureau, in cooperation with the Division of Publications—

## Salaries, lump-fund roll—

Ramsay, Robert E., clerk.....	150. 00
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## Salaries, statutory—

Duffy, Sadie, skilled laborer.....	720. 00
Graham, Julian P., clerk.....	1, 198. 33
Lynch, John T., clerk.....	50. 00
Ramsay, Robert E., clerk.....	100. 00
Rockwell, Julius E., editor.....	2, 000. 00
Schapiro, Joseph, clerk.....	120. 00
Smith, Lucy, clerk.....	832. 50

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 5, 170. 83

## (6) Library:

Maintenance of a cooperative branch of the department library, as an aid to scientific investigations, including translating, abstracting, and indexing pathological and physiological and other plant literature; keeping of catalogues, etc.....

161. 97

## Salaries, lump-fund roll—

Smith, Florence P., scientific assistant.....	1, 000. 00
Stely, Daniel H., messenger.....	89. 58

## Salaries, statutory—

Allen, Jessie M., clerk.....	1, 200. 00
Fetzer, Harvey A., messenger boy.....	111. 67
Lynch, Lewis M., messenger boy.....	249. 33
McCarthy, Aloysius P., messenger boy.....	57. 50



## (6) Library—Continued.

## Salaries, statutory—Continued.

Oberly, Eunice R., clerk.....	\$1, 400. 00	
Stely, Daniel W., messenger boy.....	53. 83	
Wells, H. L., messenger boy.....	21. 67	
		\$4, 345. 55

## (7) Administrative work in connection with the various projects of the office of farm management:

## Salaries, lump-fund roll—

Brodie, David A., agriculturist.....	833. 34	
Chubbuck, Levi, expert.....	525. 00	
Griffith, David, agriculturist.....	462. 50	
Smith, Clarence B., agriculturist.....	833. 34	
Spillman, Wm. J., agriculturist in charge.....	1, 458. 34	
		4, 112. 52

Total expenditures.....	105, 620. 47
Balance.....	1, 756. 03

107, 376. 50

Authority: Salaries paid on statutory roll. (Digest of Appropriations, p. 395.) Miscellaneous investigations, "for rent and repairs in the District of Columbia and elsewhere and for the employment of investigators, \* \* \* clerks, \* \* \* assistants, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* general administrative expenses, \* \* \* including office of chief of bureau, assistant chief of bureau, chief clerk, editor, records, supplies \* \* \* and for miscellaneous expenses incident thereto." (Digest of Appropriations, pp. 400-402.)

## PATHOLOGICAL LABORATORY.

## CENTRAL LABORATORY OF PLANT PATHOLOGY.

(ERWIN F. SMITH, Pathologist in Charge.)

## Salaries:

Statutory.....	\$2, 229. 99
Lump fund.....	15, 258. 00
Miscellaneous expenses and supplies.....	2, 501. 62
Traveling and field expenses.....	280. 38
Total allotment.....	20, 269. 99

## Expended as follows:

Laboratory studies and investigations of all bacterial and other diseases of plant life, the causes, identification and means of control, including diseases of sugar cane, cotton, corn, coconut, olive, tomato, potato, tobacco, cucumbers, squash, melons, cabbage and allied plants, beans, peach, plum, lime, carnation, begonia, chrysanthemum, etc..... \$2, 705. 43

## Salaries, lump-fund roll:

Bitter, Harry, greenhouse assistant.....	125. 00
Brewer, James F., artist.....	1, 400. 00
Bryan, Mary K., scientific assistant.....	960. 00
Calwell, George, unskilled laborer.....	687. 50
Fitzpatrick, Beulah, laboratory aid.....	720. 00
Freeman, James L., gardener.....	660. 00
Gauges, Joseph A., gardener.....	443. 06
Hedges, Florence, assistant pathologist.....	361. 67
Johnston, John R., assistant pathologist.....	1, 482. 49
Kerr, James K., sr., gardener.....	198. 61
McCulloch, Lucia, scientific assistant.....	1, 196. 67
McKenney, Randolph E. B., expert.....	1, 650. 00
Martin, Joseph, unskilled laborer.....	475. 00
Quirk, Agnes, laboratory aid.....	950. 00
Rowen, James D., jr., gardener.....	288. 00
Smith, Erwin F., pathologist in charge.....	3, 240. 00
Walter, Olin A., unskilled laborer.....	420. 00

## Salaries, statutory:

Austin, Ella M., clerk.....	\$1, 194. 99
Quirk, Agnes, clerk.....	200. 00
Smith, Pearle R., clerk.....	835. 00

Total expenditures.....	\$20, 193. 42
Balance.....	76. 57

20, 269. 99

## PATHOLOGICAL COLLECTIONS AND INSPECTION WORK.

[FLORA W. PATTERSON, Mycologist in Charge.]

## Salaries:

Statutory.....	1, 555. 00
Lump fund.....	3, 415. 00
Miscellaneous expenses and supplies.....	842. 74
Traveling and field expenses.....	172. 26

Total allotment.....	5, 985. 00
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## Expended as follows:

- (1) Pathological collections, comprising an herbarium of diseased plants affected by parasitic fungi or suffering from abnormal physiological conditions. This herbarium is constantly consulted by local workers and other American and foreign scientists..... \$849. 30
- Salaries, lump-fund roll:
- |                                                 |         |
|-------------------------------------------------|---------|
| Charles, Vera K., scientific assistant.....     | 466. 67 |
| Patterson, Flora W., mycologist in charge.....  | 260. 00 |
| Veihmeyer, Frank J., assistant in mycology..... | 255. 00 |
- Salaries, statutory:
- |                                   |         |
|-----------------------------------|---------|
| Parker, Sallie Miller, clerk..... | 600. 00 |
|-----------------------------------|---------|
- 2, 430. 97
- (2) Mycological index and host index, a list of the specimens in the collections and the plants which they attack. They present a ready means of answering inquiries of correspondents and contain information valuable to scientists investigating new or little known diseases..... 70. 38
- Salaries, lump-fund roll:
- |                                                |         |
|------------------------------------------------|---------|
| Charles, Vera K., scientific assistant.....    | 233. 33 |
| Patterson, Flora W., mycologist in charge..... | 150. 00 |
- Salaries, statutory:
- |                                   |         |
|-----------------------------------|---------|
| Parker, Sallie Miller, clerk..... | 600. 00 |
| Veihmeyer, Frank J., clerk.....   | 220. 00 |
- 1, 273. 71
- (3) Mycological exchange, consisting of a collection of duplicate specimens from the pathological collections (by exchange with American and foreign scientists much valuable material is secured at a minimum expense to the office)..... 42. 44
- Salaries, lump-fund roll:
- |                                                |         |
|------------------------------------------------|---------|
| Charles, Vera K., scientific assistant.....    | 233. 33 |
| Patterson, Flora W., mycologist in charge..... | 300. 00 |
- Salaries, statutory:
- |                                 |         |
|---------------------------------|---------|
| Veihmeyer, Frank J., clerk..... | 135. 00 |
|---------------------------------|---------|
710. 77
- (4) Identification of pathological material (this work is done in the interest of correspondents, furnishes information relative to their crops, and is of an evident economic value; another phase of the work consists in the critical examinations made for consulting scientists:
- Salaries, lump-fund roll:
- |                                                |         |
|------------------------------------------------|---------|
| Charles, Vera K., scientific assistant.....    | 233. 33 |
| Patterson, Flora W., mycologist in charge..... | 750. 00 |
983. 33

- (5) Pathological inspection work (critical examinations are made of all material imported by the office of foreign seed and plant introduction and distribution, in order to avoid the introduction of diseases caused by parasitic fungi; suspected importations are held in quarantine for treatment; all plants distributed by the department are inspected and certificates given, testifying to their healthy condition when shipped):

Salaries, lump-fund roll:

Charles, Vera K., scientific assistant.....	\$233.34
Patterson, Flora W., mycologist in charge.....	300.00
	<hr/>
	\$533.34

Total expenditures.....	5,932.12
Balance.....	52.88

5,985.00

Authority (Digest of Appropriations, p. 400): "For all necessary expenses in the investigation of fruits, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, State experiment stations, and practical farmers; \* \* \* employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for \* \* \* laboratory investigations of plant diseases and pathological collections."

#### FRUIT DISEASES.

[Merton B. Waite, Pathologist in Charge.]

Salaries:

Statutory.....	\$1,912.50
Lump-fund.....	21,955.83
Miscellaneous expenses and supplies.....	2,781.69
Traveling and field expenses.....	9,962.48

Total appropriation.....	<hr/> 36,612.50 <hr/>
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Expended as follows:

- (1) Laboratory and office..... \$1,081.07

Salaries, lump-fund roll:

Clark, Mary O., clerk.....	371.00
Hasse, Clara H., scientific assistant.....	1,200.00
Hurdle, Elizabeth E., clerk.....	175.00
Shull, J. Marion, expert.....	283.34
Waite, Merton B., pathologist in charge.....	343.75
Warren, Marie J., clerk.....	51.00

Salaries, statutory:

Connors, John H., messenger boy.....	407.50
Dundas, John M., clerk.....	675.00
Hall, Albert C., clerk.....	342.50
Hurdle, Elizabeth E., clerk.....	487.50

5,417.66

- (2) Pear-blight investigations, including also the breeding of new pears and apples resistant to blight..... 1,272.77

Salaries, lump-fund roll:

Ballard, William S., scientific assistant.....	800.00
O'Gara, Patrick J., scientific assistant.....	1,000.00
Shull, J. Marion, expert.....	200.00
Waite, M. B., pathologist in charge.....	916.66

4,189.43

- (3) Little peach and peach yellows investigations..... 82.99

Salaries, lump-fund roll:

Ballard, William S., scientific assistant.....	200.00
O'Gara, Patrick J., scientific assistant.....	250.00
Rand, Frederick V., scientific assistant.....	200.00
Shull, J. Marion, expert.....	200.00
Waite, M. B., pathologist in charge.....	343.75

1,276.74



(4) Miscellaneous orchard diseases, including crown-gall, powdery mildew, canker, root-rot, fungi, malnutrition, chlorotic, and other diseases.....	\$3,296.96	
Salaries, lump-fund roll:		
Ballard, W. S., scientific assistant.....	310.00	
Montgomery, John Price, unskilled laborer.....	100.00	
O'Gara, P. J., scientific assistant.....	250.00	
Rand, F. V., scientific assistant.....	1,000.00	
Shull, J. M., expert.....	200.00	
Waite, M. B., pathologist in charge.....	1,145.84	
		\$6,302.80
(5) Peach and plum brown rot investigations, including spraying with fungicides for the peach foliage injury.....	1,580.08	
Salaries, lump-fund roll:		
Ayres, Thomas Willard, scientific assistant.....	600.00	
Keitt, G. W., special agent.....	310.00	
Pierce, Leslie, special agent.....	300.00	
Scott, William M., plant pathologist.....	750.00	
Shull, J. M., expert.....	100.00	
Stahl, J. L., special agent.....	365.00	
		4,005.08
(6) Spraying demonstrations for the control of apple diseases..	1,936.16	
Salaries, lump-fund roll:		
Middleton, W. A., special agent.....	255.00	
Pierce, Leslie, special agent.....	300.00	
Roberts, John W., scientific assistant.....	1,380.00	
Scott, William M., plant pathologist.....	1,500.00	
Shull, J. Marion, expert.....	100.00	
		5,471.16
(7) Grape, cranberry, and other small fruit diseases, including studies of the life history of the anthracoses and other fungi, the various pathological factors which produce diseases, and the most effective means of combating them.....	2,159.40	
Salaries, lump-fund roll:		
Beckwith, Angie M., expert xylogotomist.....	225.00	
Bitter, Harry, greenhouse assistant.....	75.00	
Cooksey, William R., carpenter.....	75.00	
Hawkins, Lon A., scientific assistant.....	1,200.00	
Miles, George F., scientific assistant.....	1,482.49	
Shear, Cornelius L., plant pathologist.....	2,500.00	
Shull, J. Marion, expert.....	200.00	
Wood, Anna K., botanical assistant.....	700.00	
		8,616.89
Total expenditures.....		35,279.76
Balance.....		1,332.74
		36,612.50

Authority (Digest of Appropriations, p. 400): "For all necessary expenses in the investigation of fruits, fruit trees, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers;; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the control of diseases of orchard and other fruits."

#### FOREST PATHOLOGY.

[HAVEN METCALF, Pathologist in Charge.]

Salaries:	
Statutory.....	\$1,200.00
Lump fund.....	11,075.00
Miscellaneous expenses and supplies.....	1,032.54
Traveling and field expenses.....	4,432.46
Total appropriation.....	17,740.00

Expended as follows:

(1) Diseases of ornamental shade trees and shrubs.....	\$882. 52	
Salaries, lump-fund roll:		
Collins, J. Franklin, special agent.....	450. 00	
Hartley, Carl P., scientific assistant.....	200. 00	
Metcalf, Haven, pathologist in charge.....	615. 00	
Rowen, James D., jr., gardener.....	70. 00	
Thompson, Harry, unskilled laborer.....	60. 00	
Tiller, Ruby J., laboratory aid.....	193. 75	
Salaries, statutory:		
Taylor, Thomas C., clerk.....	300. 00	
		\$2, 771. 27
(2) Diseases of forest nursery stock.....	1, 868. 27	
Salaries, lump-fund roll:		
Graves, Arthur H., expert.....	450. 00	
Hartley, Carl P., scientific assistant.....	800. 00	
Metcalf, Haven, pathologist in charge.....	615. 00	
Rowen, James D., jr., gardener.....	70. 00	
Spaulding, Perley, pathologist.....	1, 500. 00	
Thompson, Harry, unskilled laborer.....	60. 00	
Tiller, Ruby J., laboratory aid.....	193. 75	
Salaries, statutory:		
Taylor, Thomas C., clerk.....	300. 00	
		5, 857. 02
(3) Diseases of timber (structural).....	1, 346. 35	
Salaries, lump-fund roll:		
Hedgcock, George G., pathologist.....	400. 00	
Humphrey, Clarence J., forest assistant.....	1, 400. 00	
Metcalf, Haven, pathologist in charge.....	615. 00	
Thompson, Harry, unskilled laborer.....	60. 00	
Tiller, Ruby J., laboratory aid.....	193. 75	
Salaries, statutory:		
Taylor, Thomas C., clerk.....	300. 00	
		4, 315. 10
(4) Forest tree diseases.....	1, 205. 61	
Salaries, lump-fund roll:		
Hartley, Carl P., scientific assistant.....	400. 00	
Hedgcock, George G., pathologist.....	1, 400. 00	
Meinecke, Emile P., expert.....	270. 00	
Metcalf, Haven, pathologist in charge.....	615. 00	
Rowen, James D., jr., gardener.....	70. 00	
Spaulding, Perley, pathologist.....	120. 00	
Thompson, Harry, unskilled laborer.....	60. 00	
Tiller, Ruby J., laboratory aid.....	193. 75	
Salaries, statutory:		
Taylor, Thomas C., clerk.....	300. 00	
		4, 634. 36
Total expenditures.....		17, 577. 75
Balance.....		162. 25
		17, 740. 00

Authority (Digest of Appropriations, p. 400): “\* \* \* For the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the control of diseases of forest and ornamental trees and shrubs.”

#### COTTON AND TRUCK DISEASES.

[W. A. ORTON, Pathologist in Charge.]

Salaries:	
Statutory.....	\$702. 50
Lump fund.....	7, 339. 66
Miscellaneous expenses and supplies.....	2, 563. 29
Traveling and field expenses.....	3, 157. 05
Total appropriation.....	13, 762. 50

Expended as follows:

(1) Cotton diseases.....	\$1, 339. 59	
Salaries, lump-fund roll:		
Callahan, Thomas F., skilled laborer.....	105. 00	
Gilbert, William W., assistant pathologist.....	435. 00	
Orcutt, Alfred S., scientific assistant.....	84. 00	
Orton, William A., pathologist in charge.....	421. 87	
Scott, Laura E., clerk.....	37. 50	
Salaries, statutory:		
Owen, Abbie M., clerk.....	100. 00	
		\$2, 522. 96
(2) Truck diseases.....	4, 012. 86	
Salaries, lump-fund roll:		
Ames, Adeline, laboratory aid.....	183. 34	
Bessey, Ernst A., collaborator.....	9. 00	
Callahan, Thomas F., skilled laborer.....	105. 00	
Dodge, Hiram Alfred, unskilled laborer.....	300. 00	
Field, Ethel C., scientific assistant.....	468. 34	
Gilbert, Wm. W., assistant pathologist.....	945. 00	
Harter, Leonard L., assistant physiologist.....	1, 437. 49	
Orcutt, Alfred S., scientific assistant.....	197. 33	
Orton, Clayton R., special agent.....	240. 00	
Orton, Wm. A., pathologist in charge.....	1, 063. 13	
Scott, Laura E., clerk.....	150. 00	
Salaries, statutory:		
Owen, Abbie M., clerk.....	400. 00	
		9, 511. 49
(3) Plant disease survey.....	305. 93	
Salaries, lump-fund roll:		
Ames, Adeline, laboratory aid.....	183. 33	
Barre, Henry W., collaborator.....	12. 00	
Beattie, R. Kent, collaborator.....	12. 00	
Bolley, Henry L., collaborator.....	12. 00	
Brooks, Charles, collaborator.....	12. 00	
Cook, Melville T., collaborator.....	12. 00	
Edgerton, Claude W., collaborator.....	12. 00	
Field, Ethel C., scientific assistant.....	468. 33	
Fulton, Harry R., collaborator.....	12. 00	
Hewitt, J. Lee, collaborator.....	2. 00	
Hibbard, Rufus P., jr., collaborator.....	11. 00	
Jackson, H. S., collaborator.....	7. 00	
Jones, Lewis R., collaborator.....	12. 00	
Kern, Frank D., collaborator.....	12. 00	
Lawrence, William H., collaborator.....	12. 00	
Morse, Wm. J., scientific assistant.....	3. 00	
Norton, John B. S., collaborator.....	12. 00	
Orton, William A., pathologist in charge.....	202. 50	
Pammel, Louis H., collaborator.....	12. 00	
Pond, Raymond H., collaborator.....	5. 00	
Reed, Howard S., collaborator.....	12. 00	
Scott, Laura E., clerk.....	37. 50	
Selby, A. D., collaborator.....	12. 00	
Sheldon, John L., collaborator.....	12. 00	
Stevens, Frank L., collaborator.....	12. 00	
Stone, George E., collaborator.....	12. 00	
Stuart, William, expert.....	10. 00	
Whetzel, Herbert H., collaborator.....	12. 00	
Wilcox, E. Mead, collaborator.....	12. 00	
Salaries, statutory:		
Owen, Abbie M.....	202. 50	
		1, 666. 09
Total expenditures.....		13, 700. 54
Balance.....		61. 96
		13, 762. 50

Authority (Digest of Appropriations, p. 400): "For all necessary expenses in the investigation of \* \* \* vegetables, \* \* \* and other plants and plant indus-



tries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the control of diseases of cotton, truck crops, and related plants."

## BACTERIOLOGY AND NUTRITION.

[KARL F. KELLERMAN, Physiologist in Charge.]

## Salaries:

Statutory .....	\$1, 200. 00
Lump fund .....	16, 684. 60
Miscellaneous expenses and supplies .....	7, 226. 93
Traveling and field expenses .....	1, 158. 47

Total appropriation.....	26, 270. 00
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## Expended as follows:

(1) Laboratory and office, preparation of bulletins, and usual office routine.....	\$2, 252. 62	
Salaries, lump-fund roll:		
Fitzgerald, Thomas A., unskilled laborer.....	720. 00	
Goll, Frank L., laboratory aid .....	394. 29	
Jones, John W., unskilled laborer .....	600. 00	
Kellerman, Karl F., physiologist in charge .....	281. 25	
Leonard, Lewis T., laboratory aid.....	1, 000. 00	
Robinson, Thomas Ralph, assistant physiologist..	400. 00	
Salaries, statutory:		
Woolverton, Pearl, clerk.....	1, 200. 00	6, 848. 16
(2) Water purification investigations, advisory correspondence, and reconnoissance work on farm supplies looking toward improvement of unsanitary factors.....	91. 67	
Salaries, lump-fund roll:		
Kellerman, Karl F., physiologist in charge .....	281. 25	
Robinson, Thomas R., assistant physiologist.....	100. 00	
Whittaker, Harold A., collaborator.....	10. 00	482. 92
(3) Soil bacteriology investigations, a comprehensive study of the relation of bacteria found in soils to fertility of crop production.....	1, 216. 06	
Salaries, lump-fund roll:		
Allen, Edward R., scientific assistant .....	1, 282. 50	
Dachnowski, Alfred, collaborator .....	212. 50	
Fawcett, Edna H., scientific assistant.....	1, 200. 00	
Kellerman, Karl F., physiologist in charge.....	1, 125. 00	
McBeth, Ira G., scientific assistant.....	291. 66	
Robinson, Thomas R., assistant physiologist.....	300. 00	
Wright, R. Claude, scientific assistant.....	1, 200. 00	6, 827. 72
(4) Legume bacteria, consisting of a study of the life history of the nitrogen-fixing bacteria; its distribution for inoculation of leguminous plants; experiments in the breeding and selection of more virile types of nodule-producing organisms, with related problems.....	325. 00	
Salaries, lump-fund roll:		
Goll, Frank L., laboratory aid .....	985. 71	
Kellerman, Karl F., physiologist in charge.....	562. 50	
Robinson, Thomas R., assistant physiologist.....	800. 00	2, 673. 21
(5) Plant nutrition investigations as related to the study and isolation of bacteria .....	1, 913. 97	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	187. 50	
Bartlett, Harley H., chemical biologist.....	111. 00	
Foubert, Charles L., chemist aid .....	988. 88	
Garner, Wightman W., physiologist in charge....	1, 800. 00	
Giampietro, Aristide W., assistant physiologist...	1, 060. 00	

## (5) Plant nutrition investigations as related to the study and isolation of bacteria—Continued.

## Salaries, lump-fund roll—Continued.

Lunn, William M., agent.....	\$435. 56	
Stephens, David E., executive assistant.....	300. 00	
Swann, Sidney, unskilled laborer.....	55. 00	
		\$6, 851. 91

Total expenditures.....	23, 683. 92
Balance.....	2, 586. 08

26, 270. 00

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for soil bacteriology, plant nutrition, and water purification investigations."

## CROP PHYSIOLOGY.

(WALTER T. SWINGLE, Physiologist in Charge.)

## Salaries:

Statutory.....	\$4, 660. 00
Lump fund.....	16, 976. 07
Miscellaneous expenses and supplies.....	2, 738. 30
Traveling and field expenses.....	6, 310. 63

Total appropriation.....	30, 685. 00
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## (1) Date palm culture..... \$851. 46

## Salaries, lump-fund roll:

Dameron, Alan F., unskilled laborer.....	50. 00
Drummond, Bruce, assistant.....	900. 00
Keese, Samuel L., assistant.....	166. 67
Lundsted, Andrew L., special agent.....	512. 00
Stumph, August, special agent.....	150. 00
Swingle, Walter T., physiologist in charge.....	500. 00

## Salaries, statutory:

Ferrall, John A., executive assistant.....	266. 66
Sillig, Oscar F., clerk.....	375. 00

3, 771. 79

## (2) Clover and alfalfa investigations..... 1, 039. 93

## Salaries, lump-fund roll:

Brand, Charles J., physiologist.....	2, 000. 00
Bunting, J. D., assistant.....	378. 00
Clark, Charles H., collaborator.....	180. 00
Dameron, Alan F., unskilled laborer.....	100. 00
Flanery, William L., assistant.....	166. 66
Keese, Samuel L., assistant.....	83. 34

## Salaries, statutory:

Ferrall, John A., executive assistant.....	133. 33
McQuinn, Harry L., clerk.....	1, 200. 00
Sillig, Oscar F., clerk.....	250. 00

5, 531. 26

## (3) Pistache nut, introduction into commercial culture in the United States:

## Salaries, lump-fund roll:

Dameron, Alan F., unskilled laborer.....	50. 00
Keese, Samuel L., assistant.....	83. 34
Swingle, Walter T., physiologist in charge.....	250. 00

## Salaries, statutory:

Ferrall, John A., executive assistant.....	133. 34
Sillig, Oscar F., clerk.....	125. 00

641. 68

(4) Fig, caprification, and breeding new varieties.....	\$538. 87	
Salaries, lump-fund roll:		
Dameron, Alan F., unskilled laborer.....	50. 00	
Keese, Samuel L., assistant.....	166. 66	
Lewis, George F., gardener.....	540. 00	
Rixford, G. P., expert.....	840. 00	
Swingle, Walter T., physiologist in charge.....	750. 00	
Salaries, statutory:		
Downes, Maurice A., assistant.....	60. 00	
Ferrall, John A., executive assistant.....	266. 67	
Sillig, Oscar F., clerk.....	125. 00	
		\$3, 337. 20
(5) Stimulation treatment, testing effects of different sprays and solutions in plant culture.....	240. 99	
Salaries, lump-fund roll:		
Swingle, Walter T., physiologist in charge.....	250. 00	
Yonce, William B., greenhouse assistant.....	75. 00	
Salaries, statutory:		
Ferrall, John A., executive assistant.....	133. 34	
		699. 33
(6) Electroculture, miscellaneous laboratory and field work in the application of electricity to plant culture.....	442. 21	
Salaries, lump-fund roll:		
Dameron, Alan F., unskilled laborer.....	100. 00	
Flanery, William L., assistant.....	83. 34	
Keese, Samuel L., assistant.....	166. 66	
Swingle, Walter T., physiologist in charge.....	500. 00	
Yonce, William B., greenhouse assistant.....	150. 00	
Salaries, statutory:		
Ferrall, John A., executive assistant.....	266. 66	
		1, 708. 87
(7) Arboriculture, consisting of experimental testing of deep- rooted and drought-resistant trees and shrubs for dry- land regions.....	3, 635. 96	
Salaries, lump-fund roll:		
Bartholomew, Lee M., agent.....	150. 00	
Dameron, Alan F., unskilled laborer.....	100. 00	
Downes, Maurice A., assistant.....	480. 00	
Flanery, William L., assistant.....	166. 67	
Henault, Thomas T., clerk.....	333. 34	
Keese, Samuel L., assistant.....	147. 50	
Mason, Silas C., arboriculturist.....	1, 330. 00	
Philpitt, Edward, carpenter.....	91. 00	
Ramsey, F. M., collaborator.....	12. 00	
Salaries, statutory:		
Ferrall, John A., executive assistant.....	133. 33	
		6, 579. 80
(8) Breeding of new and hardy types of citrus fruits.....	987. 83	
Salaries, lump-fund roll:		
Curtis, John J., clerk.....	738. 89	
Dameron, Alan F., unskilled laborer.....	50. 00	
Keese, Samuel L., assistant.....	166. 66	
Rowen, James D., jr., gardener.....	150. 00	
Savage, Edward M., assistant.....	1, 028. 00	
Swingle, Walter T., physiologist in charge.....	250. 00	
Thompson, Harry, unskilled laborer.....	420. 00	
Webber, Herbert J., collaborator.....	12. 00	
Salaries, statutory:		
Downes, Maurice A., assistant.....	180. 00	
Ferrall, John A., executive assistant.....	133. 34	
Sillig, Oscar F., clerk.....	375. 00	
		4, 491. 72



(9) Indian cooperation, demonstration work on Indian reservations in the Southwest.....	\$1, 273. 40	
Salaries, lump-fund roll:		
Dameron, Alan F., unskilled laborer.....	100. 00	
Flanery, William L., assistant.....	175. 00	
Henault, Thomas R., clerk.....	500. 00	
Hudson, Estmer W., assistant.....	750. 00	
Keese, Samuel L., assistant.....	83. 34	
Swingle, Walter T., physiologist in charge.....	500. 00	
Salaries, statutory:		
Downes, Maurice A., clerk.....	120. 00	
Ferrall, John A., executive assistant.....	133. 33	
Sillig, Oscar F., clerk.....	250. 00	
		\$3, 885. 07
Total expenditures.....	30, 646. 72	
Balance.....	38. 28	
		<u>30, 685. 00</u>

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, vegetables, \* \* \* forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the physiology of crop plants and for testing and breeding varieties thereof."

#### CROP ACCLIMATIZATION AND COTTON BREEDING.

O. F. COOK, Bionomist in Charge.

Salaries:		
Statutory.....	\$3, 800. 00	
Lump fund.....	21, 364. 66	
Miscellaneous expenses and supplies.....	4, 104. 17	
Traveling and field expenses.....	9, 251. 17	
Total appropriation.....	38, 520. 00	

Expended as follows:

(1) Office and laboratory, correspondence, photographic work, preparation of publications, laboratory experiments, and administrative routine.....	\$620. 54	
Salaries, statutory:		
Meloy, Guy S., clerk.....	1, 400. 00	
Rose, Leonidas B., clerk.....	1, 000. 00	
		3, 020. 54
(2) Acclimatization and adaptation of weevil-resistant and drought-resistant types of cotton.....	5, 392. 83	
Salaries, lump-fund roll:		
Cook, Orator F., bionomist in charge.....	1, 833. 34	
Lewton, Frederick L., assistant botanist.....	1, 666. 66	
McLachlan, Argyle, special agent.....	900. 00	
Meade, Rowland, scientific assistant.....	675. 00	
Pittier, Henry, special agent.....	562. 50	
		11, 030. 33
(3) Cotton breeding, general problems of cultivation and local adjustment, particularly breeding of upland cotton.....	5, 780. 76	
Salaries, lump-fund roll:		
Anders, Albert T., special agent.....	960. 00	
Bain, Samuel M., expert.....	2, 002. 00	
Boykin, Erastus B., special agent.....	1, 600. 00	
Ewing, Early C., assistant.....	765. 00	
Fugett, Ulysses, unskilled laborer.....	81. 00	
Grayson, J. R., collaborator.....	85. 00	
Kinsler, John H., special agent.....	1, 500. 00	
Lewton, Frederick L., assistant botanist.....	333. 34	
Saunders, D. A., special field agent.....	1, 800. 00	
Shoemaker, Daniel N., expert.....	1, 666. 66	

(3) Cotton breeding, general problems of cultivation and local adjustment, particularly of breeding upland cotton—Con.	
Salaries, statutory:	
Davenport, Lewis H., clerk.....	\$1, 400. 00
	<hr/> \$17, 973. 76
(4) Corn extension investigations, acclimatization and adaptation of corn from foreign countries.....	
Salaries, lump-fund roll:	845. 24
Collins, Guy N., assistant botanist.....	1, 666. 67
Cook, O. F., bionomist in charge.....	458. 33
Kempton, James, special agent.....	180. 00
Meade, Rowland, scientific assistant.....	150. 00
Pittier, Henry, special agent.....	1, 125. 00
	<hr/> 4, 425. 24
(5) Acclimatization and adaptation of tropical plants, bionomic studies of coffee, cacao, rubber, avocado, chayote, and other tropical fruits and vegetables, and the economic palms.....	
Salaries, lump-fund roll:	113. 25
Collins, Guy N., assistant botanist.....	333. 33
Cook, O. F., bionomist in charge.....	458. 33
Pittier, Henry, special agent.....	562. 50
	<hr/> 1, 467. 41
Total expenditures.....	37, 917. 28
Balance.....	602. 72
	<hr/> 38, 520. 00

Authority (Digest of Appropriations, pp. 400–401): “For all necessary expenses in the investigation of fruits, \* \* \* grain, cotton, \* \* \* vegetables, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection.”

#### DRUG AND OTHER PLANTS.

[RODNEY H. TRUE, Physiologist in Charge.]

Salaries:	
Statutory.....	\$4, 970. 00
Lump fund.....	32, 055. 17
Miscellaneous expenses and supplies.....	6, 042. 02
Traveling and field expenses.....	6, 722. 81
Total appropriation.....	<hr/> 49, 790. 00

Expended as follows:

(1) Administrative and supervisory work.....	\$510. 20
Salaries, lump-fund roll:	
Alleger, Walter J., laboratory aid.....	100. 00
Fox, Levantia E., clerk.....	100. 00
Johnson, Maria, unskilled laborer.....	160. 00
Lower, Irwin B., student assistant.....	39. 17
Skippon, Charles D., clerk.....	100. 00
True, Rodney H., physiologist in charge.....	458. 34
Weir, Raymond J., clerk.....	78. 33
Wheeler, Charles F., expert.....	250. 00
Salaries, statutory:	
Fenton, Sallie, clerk.....	350. 00
Grant, Charles V., clerk.....	583. 33
Hicks, Elva E., clerk.....	500. 00
Skippon, Charles D., clerk.....	101. 67
	<hr/> 3, 331. 04

(2) Establishment of the camphor industry.....	\$601. 11	
Salaries, lump-fund roll:		
Hennig, Albert G., unskilled laborer.....	480. 00	
Hood, Samuel C., scientific assistant.....	1, 200. 00	
		\$2, 281. 11
(3) Compilation of information on drug plants.....		
Salaries, lump-fund roll:		
Henkel, Alice, assistant.....		1, 800. 00
(4) Arlington, Va., drug-plant testing garden.....	910. 49	
Salaries, lump-fund roll:		
Collins, Maurice, unskilled laborer.....	523. 50	
Countee, Thomas L., unskilled laborer.....	19. 50	
Kerr, James K., sr., gardener.....	183. 34	
Klugh, George F., scientific assistant.....	1, 182. 50	
Kremers, Edward, collaborator.....	6. 00	
Milsted, Joseph I., unskilled laborer.....	240. 00	
Phillips, Ira G., skilled laborer.....	133. 33	
Russell, G. Archie, special agent.....	270. 00	
		3, 468. 66
(5) South Carolina drug-plant testing garden.....	1, 084. 73	
Salaries, lump-fund roll:		
Young, Thomas B., scientific assistant.....	1, 282. 50	
		2, 367. 23
(6) Physiological testing of plant drugs.....	30. 30	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	187. 50	
Klugh, George F., scientific assistant.....	100. 00	
		317. 80
(7) Volatile oil and perfumery plant investigations.....	445. 36	
Salaries, lump-fund roll:		
Rabak, Frank, chemical biologist.....	1, 553. 33	
		1, 998. 69
(8) American hop investigations.....	575. 70	
Salaries, lump-fund roll:		
Stockberger, Warner W., pharmacognosist.....	990. 00	
Thompson, James, expert.....	1, 020. 00	
		2, 585. 70
(9) Tanning and dye-plant investigations.....	181. 89	
Salaries, lump-fund roll:		
Stockberger, Warner W., pharmacognosist.....	990. 00	
		1, 171. 89
(10) Lemon investigations.....	692. 67	
Salaries, lump-fund roll:		
Hasselbring, Heinrich, expert.....	500. 00	
Sievers, Arthur F., chemical biologist.....	737. 50	
True, Rodney H., physiologist in charge.....	458. 33	
		2, 388. 50
(11) Tea investigations.....	408. 36	
Salaries, lump-fund roll:		
Gadsden, Elise H., collaborator.....	300. 00	
Johnson, Maria, unskilled laborer.....	80. 00	
Kremers, Edward, collaborator.....	3. 00	
Mitchell, George F., scientific assistant.....	1, 282. 50	
True, Rodney H., physiologist in charge.....	229. 17	
Salaries, statutory:		
Fenton, Sallie, clerk.....	114. 33	
Grant, Charles V., clerk.....	233. 34	
Hicks, Elva E., clerk.....	200. 00	
Rand, Clara C., clerk.....	120. 00	
Thompson, Mabel G., clerk.....	14. 00	
		2, 984. 70
(12) Study of farm production of industrial alcohol.....	65. 52	
Salaries, lump-fund roll:		
Kremers, Edward, collaborator.....	3. 00	
Russell, G. Archie, special agent.....	270. 00	
Sievers, Arthur F., chemical biologist.....	225. 00	
		563. 52



(13) Field investigations of loco poisoning.....	\$528. 60	
Salaries, lump-fund roll:		
Clawson, Arthur B., physiologist.....	200. 00	
Marsh, C. Dwight, physiologist.....	500. 00	
Marsh, Hadleigh, laboratory assistant.....	780. 00	
Pershing, Harry, laborer.....	34. 00	
	<hr/>	\$2, 042. 60
(14) Laboratory investigations of loco poisoning.....	580. 97	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	1, 125. 00	
Black, Otis F., chemical biologist.....	1, 500. 00	
Salaries, statutory:		
Kelly, James W., unskilled laborer.....	600. 00	
	<hr/>	3, 805. 97
(15) Investigations of larkspur poisoning.....	1, 868. 38	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	187. 50	
Clawson, Arthur B., physiologist.....	500. 00	
Marsh, C. Dwight, physiologist.....	833. 33	
	<hr/>	3, 389. 21
(16) Investigations of various stock-poisoning plants.....	596. 18	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	375. 00	
Clawson, Arthur B., physiologist.....	100. 00	
Johnson, Maria, unskilled laborer.....	240. 00	
Marsh, C. Dwight, physiologist.....	166. 67	
Philpitt, Edward, carpenter.....	164. 50	
True, R. H., physiologist in charge.....	458. 33	
Wheeler, Charles F., expert.....	250. 00	
Salaries, statutory:		
Fenton, Sallie, clerk.....	350. 00	
Grant, Charles V., clerk.....	583. 33	
Hicks, Elva E., clerk.....	500. 00	
Kelly, James W., unskilled laborer.....	120. 00	
Rand, Clara C., clerk.....	600. 00	
	<hr/>	4, 504. 01
(17) Cooperative investigations of stock poisoning in the national forests.....	1, 275. 50	
Salaries, lump-fund roll:		
Clawson, Arthur B., physiologist.....	400. 00	
Marsh, C. Dwight, physiologist.....	500. 00	
Nelson, N. L. T., special agent.....	100. 00	
Tidestrom, Ivar, scientific assistant.....	1, 700. 00	
	<hr/>	3, 975. 50
(18) Study of the effect of dilute solutions of inorganic com- pounds on plant development.....	330. 08	
Salaries, lump-fund roll:		
Bartlett, Harley H., chemical biologist.....	341. 00	
True, Rodney H., physiologist in charge.....	458. 33	
	<hr/>	1, 129. 41
(19) Study of the action of organic and inorganic poisons on plants.....	473. 19	
Salaries, lump-fund roll:		
Bartlett, Harley H., chemical biologist.....	341. 00	
Hasselbring, Heinrich, expert.....	1, 500. 00	
Philpitt, Edward, carpenter.....	70. 00	
True, R. H., physiologist in charge.....	458. 33	
	<hr/>	2, 842. 52
(20) Study of the toxic excretions of plants.....	623. 48	
Salaries, lump-fund roll:		
Alsberg, Carl L., chemical biologist.....	187. 50	
Bunzell, Herbert H., expert.....	416. 67	
	<hr/>	1, 227. 65

(21) Study of plant constituents as influenced by special feeding.....	\$39. 05	
Salaries, lump-fund roll:		
Bartlett, Harley H., chemical biologist.....	143. 00	
Philpitt, Edward, carpenter.....	35. 00	
Sievers, Arthur F., chemical biologist.....	225. 00	
True, R. H., physiologist in charge.....	229. 17	
		\$671. 22
Total expenditures.....	48, 846. 93	
Balance.....	943. 07	
		49, 790. 00

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* drug, medicinal, poisonous, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations."

#### AGRICULTURAL TECHNOLOGY, COTTON STANDARDIZATION, AND PAPER PLANT INVESTIGATIONS.

[N. A. COBB, Technologist in Charge.]

Salaries:	
Statutory.....	\$380. 00
Lump-fund.....	13, 862. 46
Miscellaneous expenses and supplies.....	13, 769. 53
Traveling and field expenses.....	1, 998. 01
Total allotment.....	30, 010. 00

Expended as follows:

(1) Agricultural technology investigations, including improvement of agricultural apparatus, improved methods of grading and milling grain, and of illustrating publications, and various technological studies of plant diseases.....	\$3, 286. 57	
Salaries, lump-fund roll:		
Barghausen, John F., mechanic.....	733. 34	
Chambers, William E., expert.....	1, 500. 00	
Cobb, Nathan A., agricultural technologist in charge.....	125. 00	
Duvall, Carroll F., messenger.....	300. 00	
Gage, Charles E., clerk.....	750. 00	
Schmitt, Hugo Rudolph, laboratory aid.....	375. 00	
Staves, Marion C., clerk.....	178. 00	
Thornton, Daisy, unskilled laborer.....	80. 00	
Salaries, statutory:		
Staves, Marion C., clerk.....	380. 00	
		7, 707. 91
(2) Cotton standardization, the establishment of standards for commercial grades of cotton in accordance with law.....	6, 695. 31	
Salaries, lump-fund roll:		
Barbot, Wingate P., expert.....	1, 308. 33	
Bennett, Robert L., expert.....	2, 280. 00	
Dawson, Hortense J., map tracer.....	50. 00	
Earle, Drayton E., collaborator.....	51. 67	
Jones, Margaret M., skilled laborer.....	46. 87	
Kause, Robert L., laboratory aid.....	500. 00	
Mazerat, Jules, expert.....	341. 67	
Murphy, Adah A., skilled laborer.....	31. 25	
Walton, Samuel, unskilled laborer.....	120. 00	
		11, 425. 10

(3) Paper-plant investigations, consisting of tests of cornstalks, broom corn, stover, rice straw, and other crop materials to determine their value for paper making.....		\$4, 305. 16
Salaries, lump-fund roll:		
Barghausen, John F., mechanician.....	366. 66	
Chambers, William E., expert.....	900. 00	
Cobb, Nathan A., agricultural technologist in charge.....	2, 233. 33	
Edmundson, Lewis W., collaborator.....	61. 50	
Fields, Ovid, collaborator.....	87. 00	
Gage, Charles E., clerk.....	450. 00	
Hancock, James T., collaborator.....	60. 00	
Hook, W. A., collaborator.....	45. 47	
Matheny, John E., collaborator.....	30. 00	
Muncey, Eliot M., laboratory aid.....	600. 00	
Murphy, Isaiah C., collaborator.....	19. 37	
O'Hair, Harvey Z., collaborator.....	13. 00	
Schmitt, Hugo R., laboratory aid.....	225. 00	
		<u>\$9, 396. 49</u>
Total expenditures.....	28, 529. 50	
Balance.....	1, 480. 50	
		<u>30, 010. 00</u>

## FIBER INVESTIGATIONS.

[LYSTER H. DEWEY, Botanist in Charge.]

Salaries:		
Statutory.....	1, 000. 00	
Lump-fund.....	3, 538. 44	
Miscellaneous expenses and supplies.....	1, 300. 75	
Traveling and field expenses.....	810. 81	
Total allotment.....	<u>6, 650. 00</u>	

Expended as follows:

(1) Hemp investigations, to increase its production in the United States by the introduction and development of improved varieties.....		812. 24
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	1, 000. 00	
Goodloe, Marie, laboratory aid.....	60. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	250. 00	
		<u>2, 122. 24</u>
(2) Flax-fiber investigations, to secure as full information as possible regarding methods now used in growing flax and preparing the fiber.....		338. 75
Salaries, lump-fund roll:		
Crandall, Leroy V., special agent.....	56. 66	
Dewey, Lyster H., botanist in charge.....	125. 00	
Mayland, Edwin, special agent.....	84. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	100. 00	
		<u>704. 41</u>
(3) Sisal and henequen fiber investigations, to determine the desirability of introducing plants into the subtropical region of the United States, including Porto Rico.....		521. 87
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	500. 00	
Goodloe, Marie, laboratory aid.....	60. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	200. 00	
		<u>1, 281. 87</u>



(4) Ramie investigations, to ascertain whether this plant is a profitable one for farmers of the South.....	\$29. 92	
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	100. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	100. 00	
		\$229. 92
(5) Phormium-fiber investigations, to determine whether this New Zealand plant may be grown successfully in the Southern United States.....		
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	250. 00	
Greene, Edward L., expert.....	150. 00	
Wheeler, Charles F., expert.....	27. 78	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	100. 00	
		527. 78
(6) Abaca (Manila hemp) fiber investigations, to determine whether this plant can be cultivated in Porto Rico and Hawaii with success.....		
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	175. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	100. 00	
		275. 00
(7) Testing of plant fibers, to secure accurate information as to the strength and measurements of textile fibers.....	58. 00	
Salaries, lump-fund roll:		
Dewey, Lyster H., botanist in charge.....	350. 00	
Goodloe, Marie, laboratory aid.....	600. 00	
Salaries, statutory:		
Johnston, Gertrude M., clerk.....	150. 00	
		1, 158. 00
Total expenditures.....		6, 299. 22
Balance.....		350. 78
		6, 650. 00

Authority (Digest of Appropriations, pp. 400, 401): "For all necessary expenses in the investigation of \* \* \* grain, cotton, \* \* \* fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for crop technological and fiber plant investigations; testing and breeding fibrous plants which may be used for paper making; handling, grading, and baling of cotton, and the establishment of standards for the different grades thereof and for carrying into effect the provisions of law relating thereto."

#### TAXONOMIC AND RANGE INVESTIGATIONS.

[FREDERIC V. COVILLE, Botanist in Charge.]

Salaries:	
Statutory.....	\$5, 267. 76
Lump-fund.....	13, 381. 99
Miscellaneous expenses and supplies.....	2, 364. 35
Traveling and field expenses.....	2, 503. 66
Total appropriation.....	23, 517. 76

Expended as follows:

(1) Botanical laboratory, general supervisory and office work...	\$875. 23
Salaries, lump-fund roll:	
Coville, F. V., botanist in charge.....	972. 00
Walter, Olin A., unskilled laborer.....	90. 00

(1). Botanical laboratory, general supervisory and office work—  
Continued.

Salaries, statutory:		
Fraile, Manuele, gardener.....	\$720.00	
McClure, Mary M., clerk.....	1,400.00	
Pierce, James F., messenger.....	175.00	
Stouffer, Albert F., messenger.....	300.00	
	<hr/>	\$4,532.23
(2) Improvement of forest grazing areas.....	371.72	
Salaries, lump-fund roll:		
Coville, Frederic V., botanist in charge.....	1,620.00	
	<hr/>	1,991.72
(3) Preparation of a manual of American grasses.....	477.95	
Salaries, lump-fund roll:		
Chase, Agnes, scientific assistant.....	1,282.50	
Hitchcock, Albert S., systematic agrostologist...	2,500.00	
Hitchcock, Frank H., collaborator.....	13.33	
Salaries, statutory:		
Evans, Lulu M., clerk.....	455.00	
	<hr/>	4,728.78
(4) Preparation for publication of notes on the useful plants of the Southwest and Mexico.....	82.82	
Salaries, lump-fund roll:		
Safford, William E., assistant curator.....	1,800.00	
	<hr/>	1,882.82
(5) Cataloguing of the literature of botany.....	76.63	
Salaries, statutory:		
Atwood, Alice Cary, clerk.....	902.76	
Warner, Marjorie F., clerk.....	1,150.00	
	<hr/>	2,129.39
(6) Study of the utilization of wild plants, etc.:		
Salaries, lump-fund roll—		
Coville, Frederic V., botanist in charge.....		648.00
(7) Economic collections of cultivated plants.....	1,355.16	
Salaries, lump-fund roll:		
Campbell, Susan T., clerk.....	250.00	
Goodloe, Lucille, laboratory aid.....	720.00	
Ricker, Percy L., assistant botanist.....	1,620.00	
Robinson, Mary, botanical artist.....	247.50	
Schmitt, Waldo L., laboratory aid.....	462.00	
Wheeler, Charles F., expert.....	166.66	
Wight, William F., botanist.....	742.50	
Salaries, statutory:		
Campbell, Susan T., clerk.....	165.00	
	<hr/>	5,728.82
(8) Botanical study of fruits, nuts, etc.....	1,252.82	
Salaries, lump-fund roll:		
Wight, William F., botanist.....	247.00	
	<hr/>	1,499.82
Total expenditures.....		23,141.58
Balance.....		376.18
		<hr/>
		23,517.76

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, \* \* \* vegetables, grasses, forage, \* \* \* and other plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for taxonomic investigations and the study of methods for the improvement of grazing lands."

## SEED TESTING LABORATORIES.

(EDGAR BROWN, Botanist in Charge.)

Salaries:	
Statutory.....	\$4,881.39
Lump fund.....	19,425.53
Miscellaneous expenses and supplies.....	2,962.72
Traveling and field expenses.....	3,651.75
Total appropriation.....	<u>30,921.39</u>

Expended as follows:

(1) General supervisory and office work, planning and directing work in the field, correspondence and administrative routine.....	\$795.57	
Salaries, lump-fund roll:		
Russ, Blanche, laboratory aid.....	120.00	
Salaries, statutory:		
Gary, Kate F., clerk.....	1,200.00	
Martin, Alice R., clerk.....	1,000.00	
Roby, John H., messenger boy.....	384.17	
Schneider, Mary M., clerk.....	747.22	
		\$4,246.96
(2) Seed testing, making tests for germination and mechanical purity of samples of seeds submitted by farmers and seedsmen; perfecting seed-testing apparatus, etc.....	716.78	
Salaries, lump-fund roll:		
Allen, Louise M., scientific assistant.....	209.42	
Barlow, B., collaborator.....	5.23	
Brown, Edgar, botanist in charge.....	1,125.00	
Bunting, J. D., special agent.....	60.00	
Carpenter, Alma L., scientific assistant.....	655.67	
Christie, B. I., collaborator.....	4.50	
Goss, Willard L., scientific assistant.....	682.50	
Henry, Helen H., laboratory aid.....	727.50	
Hite, Bertha C., scientific assistant.....	840.00	
Lute, Anna M., scientific assistant.....	266.00	
Merrick, Lovina S., scientific assistant.....	27.08	
Moss, James M., jr., scientific assistant.....	986.10	
Sirine, Emma F., scientific assistant.....	591.67	
Tillman, Opal I., scientific assistant.....	840.00	
Walter, Olin A., unskilled laborer.....	60.00	
Salaries, statutory:		
Merrick, Lovina S., clerk.....	250.00	
Russ, Blanche, clerk.....	700.00	
		8,747.45
(3) Adulterated seed investigations, testing commercial seeds for proof of adulteration, in accordance with the law....	1,082.06	
Salaries, lump-fund roll:		
Aaronson, J. E., collaborator.....	3.75	
Ash, William, collaborator.....	3.00	
Baker, Milo L., collaborator.....	8.00	
Bjelland, A. A., collaborator.....	25.00	
Blakeslee, Elihu B., collaborator.....	8.00	
Bland, D. J., collaborator.....	6.00	
Bohl, Joseph H., collaborator.....	1.50	
Boulard, Ezra N., collaborator.....	3.00	
Breuer, Miles J., collaborator.....	4.50	
Brown, Edgar, botanist in charge.....	1,125.00	
Buntin, Merritt J., collaborator.....	8.00	
Calk, J. C., collaborator.....	18.00	
Chilberg, Clarence V., collaborator.....	3.00	
Chisholm, Roderick A., collaborator.....	13.50	
Collett, Richard W., collaborator.....	2.25	
Crum, H. C., collaborator.....	6.00	
Currier, Harold J., collaborator.....	5.25	
Doyle, Emma A., scientific assistant.....	852.50	



(3) Adulterated seed investigations, testing commercial seeds  
for proof of adulteration, in accordance with the law—  
Continued.

Duffy, James L., collaborator.....	\$8. 00
East, Russell G., collaborator.....	1. 50
Ely, Ethel M., laboratory aid.....	696. 00
English, Lewis W., collaborator.....	1. 50
Fish, C. W., collaborator.....	6. 00
Fisher, L. O., collaborator.....	6. 00
Gardiner, S. H., collaborator.....	8. 00
Gardner, Charles I., collaborator.....	8. 00
Gulmon, Albert, collaborator.....	8. 00
Handy, F. W., collaborator.....	6. 00
Hardie, William, jr., collaborator.....	8. 00
Harrington, L. J., collaborator.....	3. 00
Harris, Walter, collaborator.....	8. 00
Harvey, Lester F., collaborator.....	21. 00
Hawley, George A., collaborator.....	3. 00
Henderson, John G., collaborator.....	16. 50
Hunton, W. G., collaborator.....	4. 88
Jones, Mary R., student assistant.....	75. 00
Joy, H. B., collaborator.....	6. 75
Kinney, W. H., collaborator.....	10. 50
Kline, James, collaborator.....	15. 00
Kusko, Val, collaborator.....	7. 50
Lauxon, W. R., collaborator.....	8. 00
Leipold, Grover, collaborator.....	4. 50
McClanahan, Clarence B., collaborator.....	4. 50
Michels, C. A., collaborator.....	11. 25
Minthorn, Theodore, collaborator.....	15. 00
Moss, Hugh T., collaborator.....	22. 50
Newlon, E. L., collaborator.....	7. 50
Nichols, Floyd B., collaborator.....	5. 25
Parker, John E., collaborator.....	4. 50
Pettigrew, E. M., collaborator.....	8. 00
Rambo, W. E., collaborator.....	8. 00
Raut, Alfred, collaborator.....	. 75
Robb, C. P., collaborator.....	3. 00
Rose, Milton S., collaborator.....	3. 00
Russell, Richard T., collaborator.....	6. 00
Sanborn, H. C., collaborator.....	3. 00
Sanford, Laurence V., collaborator.....	4. 50
Scott, L. P., collaborator.....	2. 25
Sharpe, J. A., collaborator.....	16. 50
Sherman, Benjamin, collaborator.....	10. 00
Sirrine, Emma F., scientific assistant.....	500. 00
Spalding, J. A., collaborator.....	8. 00
Strand, Oscar M., collaborator.....	6. 00
Swingle, Clarence G., collaborator.....	5. 06
Taylor, George M., collaborator.....	12. 00
Turner, A. W., collaborator.....	1. 50
Vanscoy, Jesse G., collaborator.....	3. 00
Vibbert, Frank L., collaborator.....	6. 00
Vrooman, De Vene, collaborator.....	25. 00
Waddle, Norma, laboratory aid.....	180. 00
Wales, Frederick H., collaborator.....	2. 00
Walker, Joseph B., collaborator.....	3. 00
Williams, George W., collaborator.....	3. 75
Williams, Jesse B., collaborator.....	6. 00
Williams, Walter Lee, collaborator.....	6. 00
Witherington, H. P., collaborator.....	6. 00
<hr/>	
	\$5, 027. 25

(4) Pure-seed investigations, a study of impurities of seeds received at the laboratories; distinguishing characters of closely allied economic seeds in order to disseminate information as to identity of various classes of commercial seeds.....		\$1, 157. 42	
Salaries, lump-fund roll:			
Benedict, James E., jr., scientific assistant.....	420. 00		
Burkett, Frances, laboratory aid.....	600. 00		
De Loach, Gertrude B., scientific assistant.....	141. 67		
Goss, Willard L., scientific assistant.....	600. 00		
Hillman, Frederick H., assistant botanist.....	1, 800. 00		
Jones, Mary R., student assistant.....	75. 00		
Stott, Mary L., scientific assistant.....	508. 67		
Salaries, statutory:			
Dulin, Mary S., assistant photographer.....	600. 00		
		\$5, 902. 76	
(5) Seed-vitality investigations, consisting of germination tests, especially to determine conditions required by various kinds of seed for rapid and complete germination, and greater vitality.....		1, 139. 34	
Salaries, lump-fund roll:			
Benedict, James E., jr., scientific assistant.....	420. 00		
Harrington, George T., scientific assistant.....	1, 020. 00		
		2, 579. 34	
(6) Seed-testing laboratory, Lincoln, Nebr., conducted in cooperation with the Nebraska Agricultural Experiment Station.....		368. 83	
Salaries, lump-fund roll:			
Allen, Louise M., scientific assistant.....	628. 25		
Scott, Nelle Stevenson, laboratory aid.....	350. 00		
		1, 347. 08	
(7) Seed-testing laboratory, Columbia, Mo., conducted in cooperation with the Missouri Agricultural Experiment Station.....		466. 17	
Salaries, lump-fund roll:			
Burkett, Frances, laboratory aid.....	90. 00		
Cunningham, Bertha D., student assistant.....	261. 66		
Demaree, Frank H., collaborator.....	1. 00		
Miller, Merritt, F., collaborator.....	8. 25		
Waddle, Norma, laboratory aid.....	622. 50		
		1, 449. 58	
(8) Seed-testing laboratory, Corvallis, Oreg., conducted in cooperation with the Oregon Agricultural Experiment Station.....		800. 63	
Salaries, lump-fund roll:			
Merick, Lovina S., scientific assistant.....	722. 92		
Scudder, Henry D., collaborator.....	9. 50		
		1, 533. 05	
Total expenditures.....		30, 833. 47	
Balance.....		87. 92	
		30, 921. 39	

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa secured in the open market, and the publication, where such samples are found to be adulterated or misbranded, of the results of the tests, together with the names of the persons by whom the seeds were offered for sale."

## GRAIN STANDARDIZATION.

[JOHN D. SHANAHAN, Technologist in Charge.]

## Salaries:

Statutory .....	\$2, 317. 50
Lump-fund.....	30, 493. 67
Miscellaneous expenses and supplies .....	8, 593. 31
Traveling and field expenses.....	13, 353. 02
Total appropriation.....	<u>54, 757. 50</u>

## Expended as follows:

(1) Administrative and supervisory work, planning and directing work in all grain-standardization laboratories, correspondence, and usual office routine .....		\$1, 390. 63	
Salaries, lump-fund roll:			
Carter, Emma J., unskilled laborer.....	120. 00		5, 296. 63
Crane, Edward, clerk .....	615. 00		
Fitz, Leslie A., scientific assistant .....	4. 00		
Shanahan, John D., technologist in charge.....	3, 000. 00		
Salaries, statutory:			
Austin, David V., clerk .....	210. 00		
Clark, John H., messenger boy.....	200. 00		
Hall, Albert C., clerk.....	557. 50		
Lynch, John H., messenger boy .....	150. 00		
Morrison, George W., clerk .....	1, 200. 00		
			7, 447. 13
(2) Laboratory investigations in grain standardization at Washington, D. C., bearing on the methods of inspecting, grading, and storing grain; investigating cause of deterioration in storage and during transit, and collecting data relative to establishment of United States standards for commercial grades of grain.....		3, 913. 74	
Salaries, lump-fund roll:			
Besley, Harold J., assistant.....	536. 67		
Carter, Emma J., unskilled laborer.....	120. 00		
Cox, John H., assistant.....	1, 200. 00		
Cron, Alexander B., assistant.....	100. 00		
Duvel, Joseph W. T., assistant in charge of laboratory methods.....	2, 250. 00		
Miller, Ralph C., assistant.....	100. 00		
Rankin, John O., assistant.....	300. 00		
			8, 520. 41
(3) Trans-Atlantic grain transportation investigations, consisting of examination of cargoes of corn while in transit from American to European ports with a view to devising means of improving conditions of ocean transportation.....			1, 504. 46
(4) Interstate grain transportation investigations (laboratory, Decatur, Ill.). A study of all the factors pertaining to the carrying quality of grain at time of shipment, en route, and at destination to ascertain what changes take place during transit in railroad cars and lake steamers..		\$4, 185. 55	
Salaries, lump-fund roll:			
Austin, David V., clerk .....	150. 00		
Boerner, Emil G., assistant.....	650. 00		
Jeffers, Leonard M., assistant.....	1, 200. 00		
Rothrock, Philip, assistant.....	750. 00		
Rush, A. L., collaborator.....	45. 00		
Russell, Clark A., assistant.....	805. 00		
			7, 785. 55



(5) Grain standardization laboratory, Baltimore, Md., a study of market conditions, making a definite determination of the moisture content, and other factors influencing market values and commercial grades of grain.....		\$4,343.06	
Salaries, lump-fund roll:			
Bollman, Parker, assistant .....	900.00		
Duval, Laurel, assistant.....	1,200.00		
McCall, Edward J., clerk.....	600.00		
O'Loughlin, William J., assistant.....	617.50		
			\$7,660.56
(6) Grain standardization laboratory, New York, N. Y., the work of this and other laboratories is similar to that at Baltimore .....		755.75	
Salaries, lump-fund roll:			
Austin, David V., clerk .....	190.00		
Boerner, Emil G., assistant.....	850.00		
O'Loughlin, William J., assistant.....	337.50		
			2,133.25
(7) Grain standardization laboratory, Kansas City, Mo., removed from St. Louis .....		1,370.69	
Salaries, lump-fund roll:			
Comerford, John F., assistant .....	762.33		
Miller, Ralph C., assistant.....	100.00		
Morris, Evan L., assistant.....	1,200.00		
Samuels, Walter M., clerk.....	450.00		
			3,883.02
(8) Grain standardization laboratory, Minneapolis, Minn.....		834.96	
Salaries, lump-fund roll:			
Davies, George N., assistant.....	955.00		
Sattre, Alfred M., assistant.....	1,200.00		
			2,989.96
(9) Grain standardization laboratory, New Orleans, La.....		894.39	
Salaries, lump-fund roll:			
Flanner, Edgar H., clerk.....	600.00		
Miller, Ralph C., assistant.....	900.00		
Richey, Edgar C., assistant.....	1,146.67		
Russell, Clark A., assistant.....	150.00		
			3,691.06
(10) Grain standardization laboratory, Chicago, Ill. ....		1,295.22	
Salaries, lump-fund roll:			
Carroll, William P., assistant.....	1,500.00		
Cox, James P., assistant.....	20.00		
O'Connor, Leslie M., clerk.....	644.00		
Rothrock, Philip, assistant .....	450.00		
Smith, Leroy M., assistant.....	925.00		
			4,834.22
(11) Wheat milling and baking tests, Fargo, N. Dak .....		913.85	
Salaries, lump-fund roll:			
Bailey, Clyde H., assistant.....	1,200.00		
Fitz, Leslie A., scientific assistant.....	1,200.00		
French, William F., clerk .....	150.00		
Thomas, Levi, collaborator.....	300.00		
			3,763.85
Total expenditures.....			54,213.47
Balance.....			544.03
			54,757.50

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* grain, \* \* \* in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof."

## GRAIN INVESTIGATIONS.

[M. A. CARLETON, Cerealist in Charge.]

## Salaries:

Statutory.....	\$3, 289. 66
Lump fund.....	37, 181. 02
Miscellaneous expenses and supplies.....	4, 308. 62
Traveling and field expenses.....	10, 044. 36
Total allotment.....	<u>54, 823. 66</u>

## Expended as follows:

(1) Administrative and supervisory work.....	\$1, 754. 70	
Salaries, lump-fund roll:		
Hudson, Agnes T., clerk.....	708. 33	
Leach, Anne B., clerk.....	236. 00	
Martyn, John W., clerk.....	75. 00	
Shekells, Mabel A., clerk.....	25. 67	
Stephens, David E., executive assistant.....	1, 500. 00	
Towles, Robert C., gardener's assistant.....	10. 83	
Salaries, statutory:		
Holland, Mary E., clerk.....	506. 33	
Kinney, Anna H. B., clerk.....	1, 400. 00	
Peacock, Eva M., clerk.....	720. 00	
Shekells, Mabel A., clerk.....	70. 00	
Townsend, Karl H., clerk.....	593. 33	
		7, 600. 19
(2) Wheat investigations.....	1, 369. 78	
Salaries, lump-fund roll:		
Alexander, Charles L., special agent.....	300. 00	
Blanchard, Henry F., assistant agronomist.....	690. 00	
Bull, Coates P., collaborator.....	300. 00	
Carleton, Mark Alfred, cerealist in charge.....	2, 250. 00	
Humbert, Eugene P., plant physiologist.....	600. 00	
Kiesselbach, T. A., special agent.....	400. 00	
Montgomery, Edward G., collaborator.....	12. 00	
Payne, Harry S., painter.....	80. 00	
Shaw, George W., collaborator.....	75. 00	
Sorenson, Ephraim, unskilled laborer.....	44. 91	
Swanson, Carl, unskilled laborer.....	44. 91	
Walter, Olin A., unskilled laborer.....	90. 00	
		6, 256. 60
(3) Oat investigations.....	537. 30	
Salaries, lump-fund roll:		
Burnett, Lyman C., special agent.....	1, 000. 00	
Kiesselbach, T. A., special agent.....	400. 00	
Moore, Ranson Asa, collaborator.....	12. 00	
Nash, Clarence W., collaborator.....	25. 00	
Payne, Harry S., painter.....	80. 00	
Saunders, Oswald H., scientific assistant.....	62. 00	
Schmitz, Nickolas, collaborator.....	125. 00	
Warburton, Clyde W., agronomist.....	1, 600. 00	
		3, 841. 30
(4) Barley investigations.....	348. 70	
Salaries, lump-fund roll:		
Berr, Harry B., agronomist.....	1, 400. 00	
Nash, Clarence W., collaborator.....	25. 00	
Payne, Harry S., painter.....	80. 00	
Saunders, Oswald H., scientific assistant.....	99. 50	
Schmitz, Nickolas, collaborator.....	125. 00	
		2, 078. 20
(5) Grain sorghum investigations.....	742. 31	
Salaries, lump-fund roll:		
Ball, Carleton R., agronomist.....	2, 000. 00	
Hoyo, George A., expert.....	187. 50	
Rothgeb, B. E., unskilled laborer.....	385. 00	
		<u>3, 314. 81</u>

(6) Rice investigations.....	\$2, 621. 20	
Salaries, lump-fund roll:		
Chambliss, Charles E., expert.....	1, 800. 00	
Clark, Charles H., collaborator.....	200. 00	
Clarke, Fred W., gardener.....	666. 67	
Grain, Edward, unskilled laborer.....	113. 88	
Jenkins, John Mitchell, special agent.....	1, 440. 00	
Mabry, Robert, unskilled laborer.....	50. 00	
	<hr/>	\$6, 891. 75
(7) Cereal disease investigations.....	1, 370. 35	
Salaries, lump-fund roll:		
Freeman, Edward M., collaborator.....	300. 00	
Johnson, Edward C., pathologist.....	1, 400. 00	
Potter, Alden A., expert.....	1, 230. 00	
	<hr/>	4, 300. 35
(8) Grain experiments in the Texas Panhandle.....	1, 249. 65	
Salaries, lump-fund roll:		
Ross, John F., farm superintendent.....	1, 400. 00	
Stump, Jacob F., unskilled laborer.....	600. 00	
	<hr/>	3, 249. 65
(9) Dry-land grain investigations.....	3, 873. 27	
Salaries, lump-fund roll:		
Adams, Ernest L., special agent.....	1, 200. 00	
Atkinson, Alfred, collaborator.....	12. 00	
Babcock, Frank R., assistant.....	960. 00	
Cardon, Philip V., special agent.....	465. 83	
Cory, Victor L., scientific assistant.....	200. 00	
Farrell, Francis D., scientific assistant.....	909. 99	
Hecock, Dorcey H., collaborator.....	100. 00	
Jardine, William M., agronomist.....	2, 250. 00	
Leidigh, Arthur H., collaborator.....	12. 00	
Salmon, Cecil, special agent.....	1, 280. 00	
Shelley, Wilson G., scientific assistant.....	990. 00	
Snyder, William P., collaborator.....	12. 00	
Umberger, Harry J. C., assistant agronomist.....	1, 600. 00	
	<hr/>	13, 865. 09
(10) Tests of crop rotation in cereal culture.....	299. 65	
Salaries, lump-fund roll:		
Blanchard, Henry F., assistant agronomist.....	690. 00	
Champlin, Manley, special agent.....	600. 00	
Willis, Clifford, collaborator.....	300. 00	
	<hr/>	1, 889. 65
(11) Introduction of emmer and Russian proso (millet).....	58. 50	
Salaries, lump-fund roll:		
Champlin, Manley, special agent.....	600. 00	
Carleton, M. A., cerealist in charge.....	750. 00	
	<hr/>	1, 408. 50
		<hr/>
Total expenditures.....	54, 696. 09	
Balance.....	127. 57	
	<hr/>	54, 823. 66

## CORN INVESTIGATIONS.

[CHARLES P. HARTLEY, Physiologist in Charge.]

Salaries:	
*Statutory.....	\$1, 630. 00
Lump fund.....	7, 182. 33
Miscellaneous expenses and supplies.....	1, 105. 80
Traveling and field expenses.....	5, 007. 87
	<hr/>
Total allotment.....	14, 926. 00



Expended as follows:

(1) Office and laboratory work, expenses for equipment and supplies, correspondence, experimental records, publications, laboratory experiments, and the care and preservation of seed corn assembled at Washington and classified during the winter for experiments throughout the country.....		\$94. 57	
Salaries, lump-fund roll:			
Hartley, C. P., physiologist in charge.....		90. 00	
Salaries, statutory:			
Holland, John D., clerk.....		1, 000. 00	
O'Hare, Joseph F., clerk.....		630. 00	
			\$1, 814. 57
(2) Development of higher yielding strains of corn, the breeding and selection of varieties that can be grown with greater profit, and adaptation to new localities, etc.....		2, 956. 80	
Salaries, lump-fund roll:			
Brown, Ernest B., assistant physiologist.....		600. 00	
Hammerly, Joseph M., skilled laborer.....		420. 00	
Hartley, C. P., physiologist in charge.....		720. 00	
Kyle, Curtis H., assistant physiologist.....		640. 00	
Pötter, Burton M., skilled laborer.....		32. )	
Zook, Leslie L., scientific assistant.....		457. 33	
			5, 826. 13
(3) Investigations of methods of corn culture, a study of the causes of crop failure and means of overcoming the difficulties by rotation, cover crops, use of implements, and various other experiments to produce high-yielding crops.....		1, 439. 51	
Salaries, lump-fund roll:			
Brown, Ernest B., assistant physiologist.....		225. 00	
Cranford, Charles W., unskilled laborer.....		168. 00	
Hammerly, Joseph M., skilled laborer.....		210. 00	
Hartley, C. P., physiologist in charge.....		360. 00	
Kyle, Curtis H., assistant physiologist.....		480. 00	
Oliver, C. N., unskilled laborer.....		99. 00	
Zook, Leslie L., scientific assistant.....		228. 66	
			3, 210. 17
(4) Demonstrations of seed corn selection, fumigation, drying and preservation.....		1, 305. 94	
Salaries, lump-fund roll:			
Brown, Ernest B., assistant physiologist.....		225. 00	
Hartley, C. P., physiologist in charge.....		450. 00	
Kyle, Curtis H., assistant physiologist.....		160. 00	
Zook, Leslie L., scientific assistant.....		228. 67	
			2, 369. 61
(5) Investigation of effects on corn of heredity and environment, studying relative merits of different conditions of land, tests in pollination, etc.....		269. 76	
Salaries, lump-fund roll:			
Brown, Ernest B., assistant physiologist.....		150. 00	
Hartley, C. P., physiologist in charge.....		180. 00	
Kyle, Curtis H., assistant physiologist.....		160. 00	
Zook, Leslie L., scientific assistant.....		228. 67	
			988. 43

(6) Sweet corn investigations, improvement of varieties for canning and table purposes, methods of increased production, and the growing and care of sweet corn seed and acclimatization of certain strains especially in Florida, South Carolina, and Maryland.....	\$40. 60	
Salaries, lump-fund roll:		
Brown, Ernest B., assistant physiologist.....	300. 00	
Hammerly, Joseph M., skilled laborer.....	210. 00	
Kyle, Curtis H., assistant physiologist.....	160. 00	
		\$710. 60
Total expenditures.....		14, 919. 51
Balance.....		6. 49
		<u>14, 926. 00</u>

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* grain, \* \* \* in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigation and improvement of grains and methods of grain production."

#### PLANT NUTRITION AND GENERAL PLANT BREEDING INVESTIGATIONS.

[W. W. GARNER, Physiologist in Charge.]

Salaries, lump-fund.....	\$9, 310. 50
Miscellaneous expenses and supplies.....	3, 939. 14
Traveling and field expenses.....	1, 590. 36
Total appropriation.....	<u>14, 840. 00</u>

Expended as follows:

(1) General supervisory and office work.....	\$184. 82	
Salaries, lump-fund roll:		
Bias, Thomas J., unskilled laborer.....	660. 00	
Lothrop, Etta T., clerk.....	187. 50	
Roy, Helen B., clerk.....	600. 00	
Wallace, Annie E., charwoman.....	480. 00	
		2, 112. 32
(2) Breeding of citrus fruits in California.....	837. 29	
Salaries, lump-fund roll:		
Shamel, Archibald D., physiologist.....	2, 750. 00	
		3, 587. 29
(3) Breeding rust-resistant asparagus.....	1, 601. 32	
Salaries, lump-fund roll:		
Norton, Jesse B., physiologist.....	1, 350. 00	
Oliver, George W., expert.....	650. 00	
		3, 601. 32
(4) Breeding of vetches and other cover crops.....	407. 81	
Salaries, lump-fund roll:		
Evans, Morgan W., scientific assistant.....	315. 00	
Norton, Jesse B., physiologist.....	450. 00	
Piper, Charles V., agrostologist.....	229. 17	
Thompson, G. E., agent.....	43. 33	
Tiffany, Guy U., special agent.....	45. 50	
		1, 490. 81
(5) Cooperative breeding demonstrations in Georgia.....	341. 15	
Salaries, lump-fund roll:		
Allard, Harry A., scientific assistant.....	1, 200. 00	
		<u>1, 541. 15</u>

## (6) Cooperative timothy breeding:

Salaries, lump-fund roll—

Oliver, George W., expert..... \$350. 00

Total expenditures..... 12, 682. 89

Balance..... 2, 157. 11

14, 840. 00

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, \* \* \* vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for general plant breeding and cooperative plant-breeding demonstrations."

## TOBACCO INVESTIGATIONS.

(W. W. GARNER, Physiologist in Charge.)

## Salaries:

Statutory..... \$2, 767. 22

Lump fund..... 15, 986. 65

Miscellaneous expenses and supplies..... 3, 499. 66

Traveling and field expenses..... 3, 693. 69

Total appropriations..... 25, 947. 22

## Expended as follows:

## (1) General supervisory and office work, planning and directing work in the field, correspondence, etc.....

\$356. 01

Salaries, lump-fund roll:

Ferguson, Charles, unskilled laborer..... 3. 77

Rhodes, Joseph L., assistant gardener..... 95. 00

Salaries, statutory:

Etheridge, Joe W., messenger boy..... 200. 00

Lane, Katherine W., clerk..... 1, 386. 39

Lynch, John H., messenger boy..... 970. 83

Palmer, William L., clerk..... 210. 00

3, 222. 00

## (2) Connecticut Valley tobacco investigations, the improvement of native tobaccos by hybridization, breeding and selection, fertilization, etc., and a study of tobacco diseases.....

513. 91

Salaries, lump-fund roll:

East, Edward M., collaborator..... 300. 00

Hibshman, Edward K., collaborator..... 100. 00

Stewart, John B., tobacco expert..... 1, 249. 99

2, 163. 90

## (3) New York tobacco investigations; the work in this and other States is similar to that in Connecticut Valley.....

155. 36

Salaries, lump-fund roll:

Harris, George W., crop technologist..... 1, 500. 00

1, 655. 36

## (4) Ohio tobacco investigations.....

95. 50

Salaries, lump-fund roll:

Houser, True, collaborator..... 91. 67

187. 17

## (5) Maryland tobacco investigations.....

87. 93

Salaries, lump-fund roll:

Brown, David E., special field agent..... 1, 000. 00

Mathewson, Ernest H., crop technologist..... 675. 00

1, 762. 93



6) Virginia tobacco investigations.....	\$875. 21	
Salaries, lump-fund roll:		
Anderson, Bernard G., collaborator.....	300. 00	
Cocke, Randolph P., special agent.....	1, 000. 00	
Green, Willard W., crop technologist.....	1, 600. 00	
Mathewson, Ernest H., crop technologist.....	1, 125. 00	
	<hr/>	\$4, 900. 21
(7) North Carolina tobacco investigations.....	764. 59	
Salaries, lump-fund roll:		
Mathewson, Ernest H., crop technologist.....	450. 00	
Moss, Eugene G., special agent.....	225. 00	
	<hr/>	1, 439. 59
(8) Kentucky tobacco investigations.....	800. 94	
Salaries, lump-fund roll:		
Woosley, H. C., special agent.....	1, 500. 00	
	<hr/>	2, 300. 94
(9) Texas tobacco investigations.....	507. 45	
Salaries, lump-fund roll:		
Ferguson, Charles, unskilled laborer.....	71. 22	
Hinson, Walter M., crop technologist.....	1, 250. 00	
Olson, Otto, tobacco expert.....	1, 200. 00	
	<hr/>	3, 028. 67
(10) Alabama tobacco investigations.....	216. 43	
Salaries, lump-fund roll:		
Blohm, Julius E., special agent.....	1, 000. 00	
Hinson, Walter M., crop technologist.....	1, 250. 00	
	<hr/>	2, 466. 43
		<hr/>
Total expenditures.....		23, 127. 20
Balance.....		2, 820. 02
		<hr/>
		25, 947. 22

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* tobacco, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigation and improvement of methods of growing, producing, and handling tobacco."

#### SUGAR PLANT INVESTIGATIONS.

[CHARLES O. TOWNSEND and WILLIAM A. ORTON, Pathologists in Charge.]

Salaries:	
Statutory.....	\$1, 053. 90
Lump-fund.....	14, 182. 95
Miscellaneous expenses and supplies.....	2, 449. 24
Traveling and field expenses.....	7, 667. 81
	<hr/>
Total appropriation.....	25, 353. 90

Expended as follows:

(1) Office and laboratory work, general office details, correspondence, and laboratory work in connection with diseases of plants and other features of sugar-beet investigations.....	\$300. 00	
Salaries, lump-fund roll:		
Adams, Lola M., unskilled laborer.....	720. 00	
Garner, Sarah L., charwoman.....	300. 00	
McLennan, Robert, gardener.....	850. 00	
Orton, William A., pathologist.....	562. 50	
Salaries, statutory:		
Howell, Edna D., clerk.....	1, 053. 90	
	<hr/>	3, 786. 40

(2) Production of single-germ sugar-beet seed, experiments to eliminate multiple-germ seeds and increase the number of single-germ seed with a view to lessening the cost and increasing the sugar content.....		\$2, 400. 00	
Salaries, lump-fund roll:			
Adams, James M. R., laboratory aid.....	300. 00		
Rittue, Edward C., assistant.....	1, 200. 00		
Shaw, Harry B., scientific assistant.....	200. 00		
			\$4, 100. 00
(3) Improvement of yield and quality of sugar beets.....		1, 336. 12	
Salaries, lump-fund roll:			
Adams, James M. R., laboratory aid.....	55. 00		
Burns, W. H., assistant.....	153. 00		
Churchill, George W., collaborator.....	87. 49		
Edson, H. A., plant physiologist.....	100. 00		
Middleton, James W., unskilled laborer.....	300. 00		
Rittue, Edward C., assistant.....	259. 99		
Shaw, Harry E., scientific assistant.....	400. 00		
			2, 691. 60
(4) Extension of sugar-beet culture, consisting of breeding and selection to obtain varieties resistant to alkali and drought and suitable for semiarid regions without irrigation.....		146. 93	
Salaries, lump-fund roll:			
Townsend, Charles O., pathologist.....	500. 00		
			646. 93
(5) Improvement of methods of growing sugar beets, a study of the time and method of preparing seed beds, width of rows, subsoiling, etc., to lessen the cost of growing, improve the quality, and increase the tonnage.....		2, 568. 17	
Salaries, lump-fund roll:			
Adams, James M. R., laboratory aid.....	300. 00		
Burns, W. H., assistant.....	200. 00		
Churchill, George W., collaborator.....	87. 49		
Middleton, James W., unskilled laborer.....	150. 00		
Townsend, Chas. O., pathologist.....	200. 00		
			3, 505. 66
(6) Study of effect of fertilizers on sugar beets.....		350. 00	
Salaries, lump-fund roll:			
Burns, W. H., assistant.....	100. 00		
Townsend, Chas. O., pathologist.....	150. 00		
			600. 00
(7) Improvement of methods of siloing sugar beets with a view to keeping them dormant during the winter without wilting or decaying.....		725. 00	
Salaries, lump-fund roll:			
Shaw, Harry B., scientific assistant.....	200. 00		
Townsend, Chas. O., pathologist.....	200. 00		
			1, 125. 00
(8) Study of diseases of sugar beets, field and laboratory experiments for the control of curly-top, leaf-spot, root-rot, bacterial, and other diseases.....		285. 01	
Salaries, lump-fund roll:			
Brown, Nellie A., scientific assistant.....	1, 000. 00		
Edson, H. A., plant pathologist.....	100. 00		
Jamieson, Clara O., scientific assistant.....	600. 00		
Shaw, Harry B., scientific assistant.....	659. 99		
Townsend, Chas. O., pathologist.....	500. 00		
			3, 145. 00
(9) Study of special plant diseases, particularly plants grown in rotation with sugar plants, such as potato, alfalfa, etc.		302. 51	
Salaries, lump-fund roll:			
Brown, Nellie A., scientific assistant.....	370. 41		
Jamieson, Clara O., scientific assistant.....	600. 00		
Townsend, Chas. O., pathologist.....	77. 08		
			1, 350. 00

(10) Investigations of the beet-sugar industry, a study of domestic production of sugar from beets, and the securing of general information regarding the development and condition of the industry in the United States.....	\$1,021.68	
Salaries, lump-fund roll:		
Saylor, Charles F., special agent.....	2,700.00	
		\$3,721.68
(11) Improvement of sorghum experiments with sugar cane at Arlington Farm to obtain pure strains of the sorgo varieties.....		180.00
Total expenditures.....		24,852.27
Balance.....		501.63
		<u>25,353.90</u>

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigation and improvement of sugar-producing plants, including their utilization and culture."

#### DRY LAND AGRICULTURE INVESTIGATIONS.

[E. C. CHILCOTT, Agriculturist in Charge.]

Salaries, statutory.....	\$2,509.16
Salaries, lump-fund.....	18,187.01
Miscellaneous expenses and supplies.....	3,868.37
Traveling and field expenses.....	9,704.62
Total appropriation.....	<u>34,269.16</u>

Expended as follows:

(1) General supervisory and office work, planning and directing field work, correspondence, and other office details.....	\$3,324.48	
Salaries, lump-fund roll:		
Chilcott, Ellery C., agriculturist in charge.....	2,750.00	
Clift, Wallace, unskilled laborer.....	104.00	
Cole, John S., expert.....	1,800.00	
Mathews, W. P., unskilled laborer.....	82.50	
Salaries, statutory:		
Coit, Jennie L., clerk.....	1,196.67	
Davis, R. Nelson, messenger boy.....	280.00	
Graham, Grace, clerk.....	851.49	
Stely, Daniel H., messenger boy.....	181.00	
		10,570.14
(2) Dickinson, N. Dak., project: Experiments in various methods of dry-land cultivation for the purpose of improving farm practice in the Great Plains Area.....	269.36	
Salaries, lump-fund roll:		
Grace, Oliver J., assistant.....	933.34	
Thysell, John, assistant.....	960.00	
		2,162.70
(3) Williston, N. Dak., project: The work of this and other dry-land stations is similar to that at Dickinson.....	243.75	
Salaries, lump-fund roll:		
Schollander, Ernest G., collaborator.....	12.00	
		255.75
(4) Edgeley, N. Dak., project.....	229.57	
Salaries, lump-fund roll:		
Plath, Clarence H., assistant.....	960.00	
		1,189.57
(5) Bellefourche, S. Dak., project.....	214.18	
Salaries, lump-fund roll:		
Jensen, Charles A., agriculturist.....	55.00	
		269.18



(6) North Platte, Nebr., project.....	\$286. 17	
Salaries, lump-fund roll:		
Burr, Wm. W., assistant.....	1, 400. 00	\$1, 686. 17
(7) Hays, Kans., project.....	265. 16	
Salaries, lump-fund roll:		
Hallsted, Alanson L., assistant.....	1, 050. 00	1, 315. 16
(8) Garden City, Kans., project.....	157. 35	
Salaries, lump-fund roll:		
Reed, Hiram R., assistant.....	900. 00	1, 057. 35
(9) Akron, Colo., project.....	2, 910. 69	
Salaries, lump-fund roll:		
Andrews, J. F., unskilled laborer.....	100. 00	
Haines, Alice, unskilled laborer.....	30. 67	
Haines, W. M., unskilled laborer.....	180. 00	
Martin, Homer, special agent.....	240. 00	
Payne, James E., assistant.....	1, 125. 00	
Reid, Agnes H., unskilled laborer.....	60. 00	
Reid, Lynn C., unskilled laborer.....	60. 00	4, 706. 36
(10) Amarillo, Tex., project.....	482. 20	
Salaries, lump-fund roll:		
Chilcott, Ellery Franklin, assistant.....	1, 200. 00	1, 682. 20
(11) Dalhart, Tex., project.....	1, 531. 41	
Salaries, lump-fund roll:		
Bell, Ray, unskilled laborer.....	100. 00	
Evans, William L., unskilled laborer.....	612. 00	
Kennard, Frank L., assistant.....	1, 400. 00	3, 643. 41
(12) Judith Basin, Mont., project.....	503. 29	
Salaries, lump-fund roll:		
Stephens, John M., special agent.....	1, 600. 00	2, 103. 29
(13) Huntley, Mont., project. (This station is under the man- agement and support of the Office of Western Agricul- tural Extension of this bureau.)		
(14) Scottsbluff, Nebr., project.....	800. 00	
Salaries, lump-fund roll:		
Knorr, Fritz, expert.....	472. 50	1, 272. 50
Total expenditures.....		31, 913. 78
Balance.....		2, 355. 38
		34, 269. 16

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of \* \* \* grain, \* \* \* vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigation and improvement of methods of crop production under semiarid or dry-land conditions."

## WESTERN AGRICULTURAL EXTENSION.

(CARL S. SCOFIELD, Agriculturist in Charge.)

Salaries:	
Statutory.....	\$2, 245. 00
Lump-fund.....	34, 775. 84
Miscellaneous expenses and supplies.....	10, 925. 01
Traveling and field expenses.....	30, 979. 15
Total appropriation.....	78, 925. 00

Expended as follows:

(1) General supervisory and office work, planning and directing field work, summarizing results for publication, correspondence, and other office details.....		\$4,907.44	
Salaries, lump-fund roll:			
Bunting, J. D., special agent.....	312.00		
Hinman, Wm. J., special agent.....	55.00		
Mason, Silas C., arboriculturist.....	950.00		
Mowry, Herbert H., assistant.....	1,066.66		
Scofield, Carl S., agriculturist in charge.....	2,760.00		
Stevenson, Perry J., messenger.....	15.00		
Taylor, James Archibald, clerk.....	900.00		
Wood, George A., clerk.....	1,160.00		
Salaries, statutory:			
Bailey, R. Victor, clerk.....	1,200.00		
Brodie, Charles E., clerk.....	630.00		
Stevenson, Perry J., messenger.....	415.00		
			\$14,371.10
(2) Fallon, Nev., experiment farm, investigations of agricultural problems connected with subduing new and reclaimed lands, best methods of tillage, irrigation, etc., supervisory work in cooperation with other branches of this bureau, and the Reclamation Service.....		7,590.48	
Salaries, lump-fund roll:			
Bill, Bert S., unskilled laborer.....	60.00		
Fulkerson, Vincent H., agent.....	1,200.00		
Gooch, Charles L., gardener.....	660.00		
Hansen, Dan, agent.....	1,020.00		
Headley, Frank Burdette, special agent.....	1,500.00		
Jensen, Charles A., agriculturist.....	1,745.00		
Kempton, James, special agent.....	144.00		
Knox, John W., unskilled laborer.....	387.00		
Koop, Edward J., unskilled laborer.....	60.00		
Pelton, C. T., unskilled laborer.....	580.00		
Rogers, Shober J., farm superintendent.....	300.00		
Williams, Roscoe D., unskilled laborer.....	100.00		
			15,346.48
(3) Yuma, Ariz., experiment farm. The work at this and other experiment farms is similar to that at Fallon.....		8,559.64	
Salaries, lump-fund roll:			
Bacon, Elizabeth J., unskilled laborer.....	54.00		
Holland, Walter H., unskilled laborer.....	110.40		
Johnson, Frank, unskilled laborer.....	44.00		
Mattice, Norman, unskilled laborer.....	30.00		
Peterson, Clarence E., assistant.....	421.00		
Peterson, Fred O., special agent.....	832.00		
Peterson, Wm. Arnold, farm superintendent.....	1,482.49		
Toler, Edward L., unskilled laborer.....	36.00		
Toler, John I., unskilled laborer.....	227.51		
			11,797.04
(4) San Antonio (Tex.) experiment farm.....		5,354.60	
Salaries, lump-fund roll:			
Carr, Walter P., unskilled laborer.....	437.50		
Cooper, Daniel R., unskilled laborer.....	120.00		
Gilbert, Grover B., unskilled laborer.....	52.50		
Guerrero, E., unskilled laborer.....	26.00		
Guerrero, Felipe, unskilled laborer.....	420.00		
Guerrero, Joe, unskilled laborer.....	420.00		
Hastings, Stephen Harold, farm superintendent..	1,272.50		
Heald, Frederick D., expert.....	432.25		
Hooker, Aaron, unskilled laborer.....	81.34		
Kendrick, Allie, unskilled laborer.....	247.50		
Kendrick, Ella F., unskilled laborer.....	110.00		
Konze, Elizabeth, unskilled laborer.....	50.00		
Onderdonk, Gilbert, special agent.....	20.00		

(4) San Antonio (Tex.) experiment farm—Continued.		
Salaries, lump-fund roll—Continued.		
Poteet, Martha E., unskilled laborer.....	\$87. 50	
Robinson, George E., unskilled laborer.....	25. 67	
Schattenberg, Adolph G., unskilled laborer.....	312. 00	
Schattenberg, G. A., unskilled laborer.....	20. 00	
Ware, John F., agent.....	538. 33	
Wolf, Frederick A., expert.....	338. 00	
	<hr/>	\$10, 365. 69
(5) Bellefourche (S. Dak.) experiment farm.....	3, 563. 57	
Salaries, lump-fund roll:		
Aune, Beyer, special agent.....	1, 800. 00	
Busse, Felix, unskilled laborer.....	192. 00	
Lyon, Florence L., unskilled laborer.....	68. 00	
Mathews, Oscar R., expert.....	1, 200. 00	
Petit, Henry, agent.....	577. 50	
Torkelson, C. A., unskilled laborer.....	174. 00	
	<hr/>	7, 575. 07
(6) Huntley (Mont.) experiment farm.....	3, 233. 29	
Salaries, lump-fund roll:		
Eicker, Elmer, unskilled laborer.....	75. 00	
Knorr, Fritz, expert.....	999. 00	
Ohlin, Ole Nelson, unskilled laborer.....	100. 00	
	<hr/>	4, 407. 29
(7) Klamath (Oreg.) experiment farm.....	3, 356. 83	
Salaries, lump-fund roll:		
G'lman, Ralph W., unskilled laborer.....	180. 00	
Irish, John P., jr., agent.....	1, 800. 00	
Langer, Albert, unskilled laborer.....	40. 00	
Langer, Henry F., unskilled laborer.....	540. 00	
	<hr/>	5, 916. 83
(8) Umatilla (Oreg.) experiment farm.....	2, 142. 24	
Salaries, lump-fund roll:		
Allen, Ralph W., collaborator.....	120. 00	
Lewis, Claude I., collaborator.....	60. 00	
Shumaker, Joseph, unskilled laborer.....	422. 49	
Shumaker, William, unskilled laborer.....	153. 70	
Wells, Fred E., unskilled laborer.....	50. 00	
	<hr/>	2, 948. 43
(9) Williston (N. Dak.) demonstration work.....	297. 52	
Salaries, lump-fund roll:		
Hawley, Alden M., expert.....	1, 620. 00	
Whitcomb, Wm. O., special agent.....	960. 00	
	<hr/>	2, 877. 52
(10) Scottsbluff (Nebr.) experiment farm.....	1, 390. 22	
Salaries, lump-fund roll:		
Braam, Henry, unskilled laborer.....	136. 00	
Harrington, James W., unskilled laborer.....	60. 00	
Jellison, Bert, unskilled laborer.....	150. 00	
Lewis, Owen, unskilled laborer.....	75. 00	
	<hr/>	1, 811. 22
Total expenditures.....	77, 416. 67	
Balance.....	1, 508. 33	
	<hr/>	78, 925. 00

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, \* \* \* vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for investigations in connection with the utilization of lands reclaimed under reclamation act, and other areas in the arid and semiarid regions."



## ALKALI AND DROUGHT RESISTANT PLANT BREEDING INVESTIGATIONS.

[T. H. KEARNEY, Physiologist in Charge.]

## Salaries:

Statutory.....	\$1,200.00
Lump fund.....	10,529.92
Miscellaneous expenses and supplies.....	4,072.27
Traveling and field expenses.....	2,947.81
Total appropriation.....	<u>18,750.00</u>

## Expended as follows:

(1) Laboratory and office work.....	\$977.24	
Salaries, lump-fund roll:		
Bitter, Harry, greenhouse assistant.....	25.00	
Bolden, Frank S., skilled laborer.....	75.00	
Boston, Ernest, unskilled laborer.....	67.37	
Callahan, Thomas F., skilled laborer.....	105.00	
Countee, Thomas L., unskilled laborer.....	58.50	
Kearney, Thomas H., physiologist in charge.....	250.00	
Kidder, Albert F., special agent.....	50.00	
McLennan, Robert, gardener.....	50.00	
Montgomery, John Price, unskilled laborer.....	75.00	
Parker, James T., unskilled laborer.....	82.50	
Peter, Alan MacG., messenger.....	32.04	
Robinson, Cornelius, unskilled laborer.....	95.72	
Shantz, Homer L., plant physiologist.....	741.00	
Swann, Sidney, unskilled laborer.....	82.50	
Williams, Emanuel, unskilled laborer.....	67.50	
Salaries, statutory:		
Adams, Charles W., clerk.....	1,200.00	
		4,034.37
(2) Breeding Egyptian cotton for the Southwest.....	2,916.50	
Salaries, lump-fund roll:		
Flanery, Wm. L., assistant in arboriculture.....	300.00	
Hudson, Estmer W., assistant in arboriculture.....	150.00	
Kearney, Thomas H., physiologist in charge.....	1,000.00	
McLachlan, Argyle, special agent.....	900.00	
Mattice, Norman L., unskilled laborer.....	210.00	
Meade, Rowland M., scientific assistant.....	75.00	
Peter, Alan MacG., messenger.....	32.04	
Robinson, Cornelius, unskilled laborer.....	18.20	
Smith, Amos K., unskilled laborer.....	120.00	
		5,721.74
(3) Breeding alkali-resistant crop plants.....	729.57	
Salaries, lump-fund roll:		
Bitter, Harry, greenhouse assistant.....	25.00	
Bolden, Frank S., skilled laborer.....	75.00	
Boston, Ernest, unskilled laborer.....	67.38	
Callahan, Thomas F., skilled laborer.....	105.00	
Countee, Thomas L., unskilled laborer.....	58.50	
Gramlich, Ralph, special agent.....	125.00	
Kearney, Thomas H., physiologist in charge.....	750.00	
McLennan, Robert, gardener.....	50.00	
Montgomery, John Price, unskilled laborer.....	75.00	
Parker, James T., unskilled laborer.....	82.50	
Peter, Alan MacG., messenger.....	12.46	
Robinson, Cornelius, unskilled laborer.....	83.76	
Swann, Sidney, unskilled laborer.....	82.50	
Ullrich, Fritz, unskilled laborer.....	600.00	
Williams, Emanuel, unskilled laborer.....	67.50	
		<u>2,989.17</u>

(4) Breeding drought-resistant crop plants.....	\$778. 38	
Salaries, lump-fund roll:		
Dillman, Arthur C., expert.....	1, 128. 33	
Kearney, Thomas H., physiologist in charge.....	375. 00	
Lyon, W. B., unskilled laborer.....	180. 00	
Patterson, Clifford O., unskilled laborer.....	100. 00	
Peter, Alan MacG., messenger.....	7. 12	
Robinson, Cornelius, unskilled laborer.....	4. 68	
		\$2, 573. 51
(5) Study of indicator value of native vegetation.....	1, 267. 30	
Salaries, lump-fund roll:		
Childers, Lucius F., expert.....	236. 67	
Kidder, Albert F., special agent.....	50. 00	
Peter, Alan MacG., messenger.....	94. 34	
Robinson, Cornelius, unskilled laborer.....	3. 64	
Shantz, Homer L., plant physiologist.....	1, 111. 50	
		2, 763. 45
(6) Testing and breeding of pomegranates.....	16. 20	
Salaries, lump-fund roll:		
Bullen, Robert, student assistant.....	191. 67	
Kearney, Thomas H., physiologist in charge.....	125. 00	
		332. 87
Total expenditures.....	18, 415. 11	
Balance.....	334. 89	
		18, 750. 00

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, \* \* \* forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the breeding and physiological study of alkali-resistant and drought-resistant crops."

#### PHYSICAL INVESTIGATIONS.

(LYMAN J. BRIGGS, Physicist in Charge.)

Salaries:	
Statutory.....	\$600. 00
Lump fund.....	9, 508. 50
Miscellaneous expenses and supplies.....	5, 382. 75
Traveling and field expenses.....	618. 75
Total appropriation.....	16, 110. 00

Expended as follows:

(1) Office and laboratory work in connection with the physical investigations, correspondence, and general office details.....	\$1, 296. 98	
Salaries, lump-fund roll:		
Baxter, James H., clerk.....	582. 50	
Bitter, Harry, greenhouse assistant.....	25. 00	
Booker, Maggie, charwoman.....	64. 67	
Briggs, Lyman J., physicist in charge.....	152. 77	
Parker, James T., unskilled laborer.....	55. 00	
Pearce, Julie A., unskilled laborer.....	77. 77	
Seifriz, William E., laboratory aid.....	93. 33	
Tibbs, Mary A., charwoman.....	164. 00	
Wheeler, Bertram C., mechanician.....	1, 196. 67	
Salaries, statutory:		
Winkler, James H., messenger.....	600. 00	
		4, 308. 69

(2) Physical investigations in the dry farming regions, the study and comparison of environmental conditions under which crops can be produced in the semiarid regions, and determining most efficient methods of conserving moisture and plant nutrition in the soil.....	\$4, 606. 97	
Salaries, lump-fund roll:		
Belz, Jacob Otto, assistant.....	1, 600. 00	
Briggs, Lyman J., physicist in charge.....	1, 833. 33	
McLane, John W., assistant.....	1, 200. 00	
Martin, Homer, unskilled laborer.....	177. 33	
Pearce, Julia R., assistant.....	933. 33	
		\$10, 350. 96
(3) Miscellaneous physical investigations, laboratory work in development of improved apparatus for determining moisture content of grain; greenhouse experiments in electro-culture; and methods of correcting unfavorable nutrient solutions in the soil which lead to malnutrition of plant life.....		
Salaries, lump-fund:		
Briggs, Lyman J., physicist in charge.....	763. 90	
McLane, John W., assistant.....	200. 00	
Pearce, Julia R., assistant.....	388. 90	
		1, 352. 80
Total expenditures.....		16, 012. 45
Balance.....		97. 55
		<u>16, 110. 00</u>

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for physical investigations in connection with the various lines of work."

#### FARM MANAGEMENT INVESTIGATIONS.

Salaries: (W. J. SPILLMAN, Agriculturist in Charge.)

Statutory.....	\$13, 455. 50
Lump fund.....	73, 547. 00
Miscellaneous expenses and supplies.....	23, 058. 39
Traveling and field expenses.....	35, 664. 61
Total appropriation.....	<u>145, 725. 50</u>

Expended as follows:

(1) Administrative and supervisory work, planning and directing all farm management investigations, correspondence, and other details connected with the work..	\$7, 102. 95
Salaries, lump-fund roll:	
Frazer, Frankie, clerk.....	350. 00
Hiatt, Mabel B., clerk.....	150. 00
Merrill, Nell, clerk.....	26. 67
Philpitt, Edward, carpenter.....	91. 00
Ruark, Archibald A., photographer.....	1, 010. 00
Smith, Clarence B., agriculturist.....	240. 00
Smith, Marie C., charwoman.....	20. 00
Spillman, Wm. J., agriculturist in charge.....	2, 041. 66
Salaries, statutory:	
Bagley, Minnie H., clerk.....	1, 000. 00
Belt, Artridge, clerk.....	900. 00
Benner, Harvey A., clerk.....	1, 600. 00
Frazer, Frankie, clerk.....	250. 00
Fuller, Walter, messenger.....	93. 00
Sando, William J., messenger.....	430. 00
Turner, Olan E., messenger.....	320. 00
Tyler, Clara H., clerk.....	840. 00
Wilmeth, John F., clerk.....	205. 00
	<u>16, 670. 28</u>



## SOUTHERN FARM MANAGEMENT DISTRICTS.

(2) General supervisory and office work, summarizing results of experiments, preparation of manuscript for publication, and other details connected with southern farm management work.....		\$673. 47	
Salaries, statutory:			
Ball, James S., clerk.....		375. 00	
Field, Francis T., clerk.....		322. 22	
McDonnell, Emily E., clerk.....		1, 200. 00	
McQueen, Lillian, clerk.....		102. 50	
			\$2, 673. 19
(3) District No. 4, Virginia, Maryland, and Delaware, a study of local conditions and methods, and the types of systems and management best suited to the locality.....		503. 29	
Salaries, lump-fund roll:			
Miller, Henry A., assistant agriculturist.....		1, 600. 00	
Peck, Wm. A., assistant agriculturist.....		375. 00	
			2, 478. 29
(4) District No. 5, North Carolina, South Carolina, Georgia, and Florida (the work in this and other districts is similar to that of district No. 4, with a variation of details necessitated by special requirements of each section).....		662. 76	
Salaries, lump-fund roll:			
Goodrich, Charles L., scientific assistant.....		2, 000. 00	
			2, 662. 76
(5) Demonstration work in South Carolina, in cooperation with the State department of agriculture, experiment station, and the farmers' cooperative demonstration work of this bureau.....		820. 09	
Salaries, lump-fund roll:			
Adams, Ezra B. Clayton, collaborator.....		100. 00	
Camp, Otis O., collaborator.....		75. 00	
Dillon, Bertha M., assistant.....		150. 00	
Harper, Joseph N., collaborator.....		180. 00	
Smith, Alfred G., scientific assistant.....		1, 392. 50	
Taber, Sarah Francis, collaborator.....		63. 33	
			2, 780. 92
(6) District No. 7, Mississippi, Alabama, and western Tennessee.....		713. 89	
Salaries, lump-fund roll:			
Crosby, Matt A., assistant agriculturist.....		1, 200. 00	
			1, 913. 89
(7) Demonstration work in Alabama, in cooperation with the State agricultural experiment station.....		1, 377. 49	
Salaries, lump-fund roll:			
Brodie, David A., agriculturist.....		1, 166. 66	
Duggar, John F., collaborator.....		180. 00	
Street, George J., agent.....		1, 100. 00	
			3, 824. 15
(8) District No. 15, Louisiana and Arkansas.....		1, 216. 25	
Salaries, lump-fund roll:			
McNair, Albert D., expert.....		2, 000. 00	
			3, 216. 25
(9) District No. 16, Oklahoma and Texas.....		2, 279. 41	
Salaries, lump-fund roll:			
Hoke, Charles E., expert.....		900. 00	
Offutt, Marshall M., agent.....		750. 00	
Youngblood, Bonney, assistant agriculturist.....		1, 800. 00	
			5, 729. 41
(10) District No. 8, Kentucky, West Virginia, and eastern Tennessee.....		839. 83	
Salaries, lump-fund roll:			
Arnold, Jacob H., scientific assistant.....		1, 320. 00	
			2, 159. 83

## NORTHERN FARM MANAGEMENT DISTRICTS.

(11) General supervisory and office work.....	\$800. 98	
Salaries, lump-fund roll:		
Carmack, Edward D., clerk.....	119. 44	
Smith, Clarence B., agriculturist.....	1, 166. 66	
Salaries, statutory:		
Carmack, Edward D., clerk.....	694. 45	
Palmer, Jessamine L., clerk.....	300. 00	
	<hr/>	\$3, 081. 53
(12) District No. 1, New York and the New England States...	2, 817. 07	
Salaries, lump-fund roll:		
Burritt, Maurice, scientific assistant.....	1, 306. 67	
Dodge, Lawrence G., assistant agriculturist.....	1, 166. 67	
Gillett, Edward C., special agent.....	190. 00	
Hinman, Wm. J., special agent.....	150. 00	
Monroe, George E., expert.....	1, 800. 00	
Warren, George F., collaborator.....	12. 00	
Witter, Daniel P., special agent.....	335. 00	
	<hr/>	7, 777. 41
(13) Demonstration work in Maine.....	989. 78	
Salaries, lump-fund roll:		
Dodge, Lawrence G., assistant agriculturist.....	233. 33	
Huntington, Richard T., agent.....	49. 00	
Stamford, E. A., expert.....	1, 200. 00	
	<hr/>	2, 472. 11
(14) Agricultural survey of New Hampshire.....	391. 17	
Salaries, lump-fund roll:		
Thomson, E. H., expert.....	1, 200. 00	
	<hr/>	1, 591. 17
(15) District No. 3, Pennsylvania and New Jersey.....	677. 97	
Salaries, lump-fund roll:		
Billings, George A., assistant agriculturist.....	1, 800. 00	
Ross, A. B., special agent.....	466. 67	
	<hr/>	2, 944. 64
(16) District No. 9, Ohio, Indiana, and Illinois.....	1, 049. 42	
Salaries, lump-fund roll:		
Abbott, Gail T., special agent.....	600. 00	
Bugby, Morris O., special agent.....	1, 000. 00	
Cook, William M., special agent.....	200. 00	
Drake, J. Allen, assistant agriculturist.....	1, 600. 00	
	<hr/>	4, 449. 42
(17) District No. 11, Wisconsin, Michigan, Minnesota, and the eastern Dakotas.....	1, 117. 36	
Salaries, lump-fund roll:		
McDowell, John C., expert.....	1, 800. 00	
	<hr/>	2, 917. 36
(18) District No. 13, Iowa.....	900. 49	
Salaries, lump-fund roll:		
McCulloch, Milan E., expert.....	1, 620. 00	
	<hr/>	2, 520. 49
(19) District No. 14, Missouri.....	930. 61	
Salaries, lump-fund roll:		
Doane, Duane H., scientific assistant.....	1, 200. 00	
Magruder, Don G., special agent.....	74. 00	
	<hr/>	2, 204. 61

## WESTERN FARM MANAGEMENT DISTRICTS.

(20) General supervisory and office work.....	134. 55	
Salaries, lump-fund roll:		
Chubbuck, Levi, expert.....	1, 662. 50	
	<hr/>	1, 797. 05
(21) District No. 18, Kansas, Nebraska, and eastern Colorado..	365. 54	
Salaries, lump-fund roll:		
Neilson, Harold T., collaborator.....	1. 00	
Warren, Joseph A., assistant agriculturist.....	978. 83	
	<hr/>	1, 345. 37

(22) District No. 20, Montana, Wyoming, and the western Dakotas .....	\$367. 70	
Salaries, lump-fund roll:		
Cotton, John S., assistant agriculturist .....	1,800. 00	
Doneghue, R. C., collaborator .....	1. 00	
		\$2,668. 70
(23) District No. 24, Oregon, Washington, and Idaho .....	898. 69	
Salaries, lump-fund roll:		
Hunter, Byron, assistant agriculturist .....	1,800. 00	
		2,698. 69
(24) Agricultural survey of Whatcom County, Wash. ....	111. 78	
Salaries, lump-fund roll:		
Kaufman, Wm. H., special agent .....	610. 00	
		721. 78
(25) Agricultural survey of Alaska:		
Salaries, lump-fund roll—		
Chubbuck, Levi, expert .....		332. 50

## SPECIAL STUDIES OF FARM PRACTICE.

(26) Tillage methods, a study of the underlying principles of tillage, implements to be used, and methods best suited to different localities .....	646. 50	
Salaries, lump-fund roll:		
Cates, Junius S., assistant agriculturist .....	675. 00	
Cox, Herbert R., scientific assistant .....	532. 50	
Etheridge, W. E., special agent .....	150. 00	
McLendon, L. P., agent .....	50. 00	
Williams, C. B., special agent .....	150. 00	
		1,557. 50
(27) Methods of eradicating weeds, a detailed study of the habits of wild onion, charlock, Johnson grass, nut, quack, and other grasses and weed pests .....	1,611. 47	
Salaries, lump-fund roll:		
Cates, J. S., assistant agriculturist .....	1,125. 00	
Cox, Herbert R., scientific assistant .....	750. 00	
Wheeler, Charles F., expert .....	500. 00	
		3,986. 47
(28) Manures and fertilizers, their relation to soil types, and general merits and commercial value, etc. ....	682. 92	
Salaries, lump-fund roll:		
Beavers, James C., scientific assistant .....	1,282. 50	
		1,965. 42
(29) Farm practice in hay production .....	3,425. 03	
Salaries, lump-fund roll:		
Grosvenor, W. M., collaborator .....	1. 37	
McClure, Harry B., assistant agriculturist .....	1,459. 99	
Richmond, Allen, special agent .....	120. 00	
Wright, I. E., agent .....	90. 00	
		5,096. 39
(30) Cooperative work on farm practice, demonstration of relation of types of farming to soil fertility, and other studies and experiments in cooperation with the State stations, mapping of the work of the bureau according to congressional districts, etc. ....	581. 71	
Salaries, lump-fund roll:		
Conner, Louis G., special agent .....	415. 20	
Cron, Alexander B., assistant .....	1,100. 00	
Crosby, Matt A., assistant agriculturist .....	400. 00	
Feldkamp, Cora L., library assistant .....	795. 00	
Garman, Harrison, special agent .....	350. 00	
Patterson, Harry J., collaborator .....	300. 00	
		3,941. 91
(31) Cassava investigations .....	213. 59	
Salaries, lump-fund roll:		
Anderson, James L., unskilled laborer .....	77. 22	
Sheppard, F. M., unskilled laborer .....	132. 13	
Tracy, Samuel M., special agent .....	2,000. 00	
		2,422. 94



(32) Methods of clearing logged-off lands.....	\$896. 09	
Salaries, lump-fund roll:		
Benson, Henry K., collaborator.....	. 67	
Hays, Edgar L., agent.....	637. 50	
Kadonsky, J. Frank, special agent.....	693. 33	
Thompson, Harry, expert.....	1, 200. 00	
	<hr/>	\$3, 427. 59

## FARM ECONOMICS.

(33) Detailed study of farms, cost of operation, profits from crops, classes of live stock, and types of farming, etc....	667. 36	
Salaries, lump-fund roll:		
Bennett, C. Morris, scientific assistant.....	1, 007. 50	
Elser, W. L., special agent.....	200. 00	
Froley, John W., scientific assistant.....	1, 350. 00	
Lloyd, Wm. A., special agent.....	600. 00	
Peck, Wm. A., assistant agriculturist.....	375. 00	
Wallschlaeger, F. O., expert.....	125. 00	
Salaries, statutory:		
Church, Lillian, clerk.....	1, 200. 00	
Humphries, Walter R., clerk.....	900. 00	
Wallschlaeger, Fritz O., clerk.....	883. 33	
	<hr/>	7, 308. 19
(34) Study of farm accounts and records.....	322. 96	
Salaries, lump-fund roll:		
Johnson, O. R., assistant.....	33. 33	
Peck, Wm. A., assistant agriculturist.....	375. 00	
Salaries, statutory:		
Zapoleon, Louis B., clerk.....	690. 00	
	<hr/>	1, 421. 29
(35) Study of feeding systems.....	2, 435. 85	
Salaries, lump-fund roll:		
Butler, William R., special agent.....	720. 00	
Fitzpatrick, Guy, expert.....	212. 00	
Peck, F. W., special agent.....	720. 00	
Thompson, A. H., special agent.....	60. 00	
	<hr/>	4, 147. 85
(36) Study of farm equipment, including buildings, machinery, tools, fences, etc., for farms of different types.....	857. 12	
Salaries, lump-fund roll:		
Ellis, Lynn W., assistant.....	822. 83	
Mowry, Herbert H., assistant.....	533. 34	
	<hr/>	2, 213. 29
(37) Preparation of farm plans, drawing plans for object-lesson farms, and figuring out the proper cropping systems to be used thereon.....	128. 90	
Salaries, lump-fund roll:		
Froley, John W., scientific assistant.....	450. 00	
	<hr/>	578. 90

## RANGE AND CACTUS INVESTIGATIONS.

(38) Cactus investigations, experiments in planting and cultivating edible species of cacti, and in the improvement of species by selection, and a determination of their value as stock food.....	3, 275. 66	
Salaries, lump-fund roll:		
Griffiths, David, agriculturist.....	1, 088. 44	
Jobson, Hicks H., scientific assistant.....	412. 50	
McCleary, W. B., fence rider.....	50. 00	
Morita, Kako, artist.....	166. 00	
Sinclair, William, special agent.....	240. 00	
Thompson, Charles H., collaborator.....	300. 00	
Wooton, Elmer O., special agent.....	150. 00	
Salaries, statutory:		
Price, Nellie V., clerk.....	766. 66	
	<hr/>	6, 449. 26

(39) Range investigations, a study of the care and capacity of the stock ranges of the West, and the practices of their management with a view to ascertaining best methods of securing greatest profits, particularly in Arizona where the native pastures are badly devastated.....	\$803. 00	
Salaries, lump-fund roll:		
Forbes, Robert H., collaborator.....	300. 00	
Griffiths, David, agriculturist.....	699. 06	
Jobson, Hicks H., scientific assistant.....	412. 50	
McCleary, W. B., fence rider.....	250. 00	
Wooton, Elmer O., special agent.....	150. 00	
Salaries, statutory:		
Price, Nellie V., clerk.....	383. 34	
		\$2, 997. 90
Total expenditures.....	131, 793. 20	
Balance.....	13, 932. 30	
		145, 725. 50

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required to investigate and encourage the adoption of improved methods of farm management and farm practice."

#### FARMERS' COOPERATIVE DEMONSTRATION WORK.

[SEAMAN A. KNAPP, Special Agent in Charge.

Salaries:	
Statutory.....	\$4, 449. 17
Lump-fund.....	162, 585. 14
Miscellaneous expenses and supplies.....	29, 881. 39
Traveling and field expenses.....	32, 533. 47
Total appropriation.....	229, 449. 17

Expended as follows:

(1) General administrative and supervisory work outlining working plans for agents and cooperators, correspondence, and various office details.....	\$11, 845. 98
Salaries, lump-fund roll:	
Abernethy, Miles A., collaborator.....	1. 00
Adams, George C., collaborator.....	75. 72
Adams, Owen N., collaborator.....	.66
Agnew, Ella G., agent.....	93. 33
Agnew, James Stuart, collaborator.....	.70
Allen, Ira G., collaborator.....	1. 00
Allston, Richard L., collaborator.....	.23
Anderson, Wm. L., collaborator.....	1. 00
Antley, Addy Olephant, collaborator.....	.37
Arrendale, John V., collaborator.....	.66
Arthur, Charles O., clerk.....	145. 00
Bagley, Edward G., collaborator.....	.66
Baker, Lucius L., collaborator.....	1. 00
Barber, Horace W., clerk.....	1, 400. 00
Barton, Paul J., collaborator.....	.25
Barton, W. H., collaborator.....	.70
Beecher, Katherine H., clerk.....	118. 33
Blanton, J. E., collaborator.....	.25
Blanton, Madison B., collaborator.....	.25
Brockett, Joshua A., collaborator.....	.55
Broom, Thos. J. W., collaborator.....	1. 00
Brown, James L., collaborator.....	.66

## (1) General administrative and supervisory work, etc.—Continued.

## Salaries, lump-fund roll—Continued.

Brown, Jefferson D., collaborator.....	\$0. 75
Brown, John B., collaborator.....	1. 00
Browne, Thomas E., collaborator.....	1. 00
Burrows, Edgar E., collaborator.....	. 58
Campbell, Clarence J., collaborator.....	75. 72
Campbell, Daniel F., collaborator.....	1. 00
Campbell, Daniel L., collaborator.....	. 72
Campbell, James P., special agent.....	1, 800. 00
Campbell, McLean, collaborator.....	. 58
Campbell, Robert H., collaborator.....	. 25
Campbell, Wm. W., special agent.....	876. 67
Cantey, Richard M., collaborator.....	. 25
Carnell, Fred W., collaborator.....	. 66
Carter, J. L., collaborator.....	1. 00
Chamblee, Wm. H., jr., collaborator.....	1. 00
Chappell, Laban C., collaborator.....	1. 00
Clark, Charles E., collaborator.....	1. 00
Cobb, Joel S., collaborator.....	. 75
Coble, Samuel E., collaborator.....	. 60
Coblentz, Alta Z., clerk.....	300. 00
Collier, Vines Lester, collaborator.....	. 33
Connolly, Katherine G., clerk.....	660. 00
Conway, Wm. H., special agent.....	900. 00
Coogler, Bolen, collaborator.....	1. 00
Cornelius, Wm. O., collaborator.....	1. 00
Cousar, Harold Nelson, collaborator.....	. 33
Cown, Samuel M., collaborator.....	1. 00
Cox, Charles S., collaborator.....	1. 00
Craig, William Robert, collaborator.....	. 43
Cubbedge, Bart W., collaborator.....	1. 00
Cunningham, G. Vivian, collaborator.....	. 66
Cunningham, Richard H., collaborator.....	. 66
Cunningham, Robert L., collaborator.....	1. 00
Daniel, Otho A., collaborator.....	. 62
Daniel, Wyatt Heffin, collaborator.....	. 66
Davis, Billy J., collaborator.....	1. 00
Davis, Lyman C., collaborator.....	1. 00
Day, John C., collaborator.....	1. 00
Derrick, George A., collaborator.....	1. 00
Dexter, William Hart, assistant.....	155. 56
Dodson, Robert H., clerk.....	220. 00
Dorin, Wm. H., collaborator.....	1. 00
Duggan, M. L., collaborator.....	. 32
Duncan, Samuel M., collaborator.....	1. 00
Dunnington, Mildred, clerk.....	150. 00
Durham, John A., collaborator.....	. 31
Early, Thomas A., collaborator.....	1. 00
Edwards, James F., collaborator.....	. 20
Elliott, Wm. R., collaborator.....	1. 00
Emerson, Eleanor V., clerk.....	225. 00
Erickson, John H., collaborator.....	1. 00
Evans, John F., collaborator.....	1. 00
Evans, Jonathan, collaborator.....	1. 00
Farnan, John P., clerk.....	87. 50
Farrar, Fernando S., collaborator.....	1. 00
Ferguson, Alexander McG., collaborator.....	. 41
Fisher, Urban B., collaborator.....	. 25
Fitzpatrick, John T., collaborator.....	75. 38
Flood, Joel W., collaborator.....	1. 00
Flowers, Charles A., collaborator.....	75. 72
Foster, Charles L., collaborator.....	. 66
Fountain, Hugh C., collaborator.....	1. 00
Fox, Levantia E., clerk.....	20. 00
Frissell, Sidney D., collaborator.....	. 67



## (1) General administrative and supervisory work, etc.—Continued.

## Salaries, lump-fund roll—Continued.

Galusha, J. Cutler, collaborator.....	\$0. 08
Gay, Richard D., collaborator.....	1. 00
Gentry, Elbert, collaborator.....	1. 00
Gilliam, John J., collaborator.....	1. 00
Glassell, William E., special agent.....	1. 00
Griggs, Eli Clem, collaborator.....	. 27
Hall, Joseph S., collaborator.....	1. 00
Halliday, Wm. T., collaborator.....	. 33
Hammock, Asa Dow, collaborator.....	. 66
Hane, Wm. C., collaborator.....	. 08
Hardin, Alene, clerk.....	96. 66
Hardison, S. E., collaborator.....	. 65
Harris, Gilford L., collaborator.....	1. 00
Harris, John West, collaborator.....	. 37
Hassell, W. E., collaborator.....	. 28
Hayes, Wm. H., collaborator.....	. 41
Heizer, Mabel S., clerk.....	298. 33
Henderson, Henry J., collaborator.....	. 25
Hendricks, Mclver J., collaborator.....	. 65
Henry, Darius H., collaborator.....	. 25
Hite, Robert M., collaborator.....	. 08
Hoge, Howard M., collaborator.....	. 20
Holland, Mathews G., collaborator.....	. 32
House, Dewitt H., collaborator.....	1. 00
House, Wiley S., collaborator.....	. 20
Howard, Charles R., messenger.....	52. 00
Howard, Stephen F., collaborator.....	. 24
Howle, George B., collaborator.....	. 23
Hudson, C. R., collaborator.....	1. 00
Hughes, Charles J., collaborator.....	1. 00
Huling, Joel A., special agent.....	. 20
Hurst, Jerome T., collaborator.....	. 75
Jackson, E. T., collaborator.....	1. 00
James, J. Keith, collaborator.....	. 72
Jeffords, Samuel J., collaborator.....	1. 00
Jenkins, Edmund D., collaborator.....	. 62
Johnson, Albert C., collaborator.....	1. 00
Johnson, James H., collaborator.....	. 66
Johnson, Joseph Z., collaborator.....	. 33
Johnson, Philip D., collaborator.....	1. 00
Jones, Carey Wilbur, collaborator.....	. 28
Jones, Frank C., collaborator.....	. 20
Jones, George L., collaborator.....	1. 00
Jones, Joseph W., collaborator.....	. 60
Jones, Marcus A., collaborator.....	. 25
Kearns, John H., collaborator.....	. 33
Kelly, James E., collaborator.....	. 27
Kennedy, Jonathan B., collaborator.....	1. 00
Klinge, Julia D., clerk.....	86. 67
Knapp, Bradford, collaborator.....	. 63
Knapp, S. Arthur, collaborator.....	. 33
Knapp, Seaman A., jr., special agent.....	600. 00
Knapp, Seaman A., sr., special agent in charge.....	3, 480. 00
Krumke, Olga R., clerk.....	58. 33
Lang, Thomas W., collaborator.....	1. 00
Larimore, Edith A., clerk.....	100. 00
Latham, John F., collaborator.....	. 62
Layton, N. A., collaborator.....	. 70
Leggett, James D., collaborator.....	. 25
Leemon, J. E., collaborator.....	. 53
Lemon, Revedee D., collaborator.....	1. 00
Lewis, Robert E., collaborator.....	. 25
Lewis, William C., collaborator.....	. 36
Litaker, A. H., collaborator.....	. 70

## (1) General administrative and supervisory work, etc.—Continued.

## Salaries, lump-fund roll—Continued.

Looper, Robert N., collaborator.....	\$0. 66
Lord, Walter, collaborator.....	. 20
McArtan, Colin, collaborator.....	1. 00
McBrayer, Oscar E., collaborator.....	. 70
McCluney, Frank, collaborator.....	1. 00
McFadden, Charles A., collaborator.....	1. 00
McGee, Jeff Davis, collaborator.....	. 66
McLaughlin, Francis M., clerk.....	1, 400. 00
McLean, Thaddeus D., collaborator.....	. 65
McLemore, Ira T., collaborator.....	1. 00
McLendon, Walter J., collaborator.....	. 58
Maddux, Thomas S., collaborator.....	. 29
Maloney, George A., collaborator.....	. 20
Manghum, Henry E., clerk.....	597. 50
Martin, Oscar B., special agent.....	2, 000. 00
Mason, James Wilson, collaborator.....	. 33
Massie, Robert Lee, collaborator.....	. 16
Meharg, Anderson S., collaborator.....	1. 00
Mercier, William B., special agent.....	1, 800. 00
Michael, W. Cyrus, collaborator.....	1. 00
Miley, Perry, collaborator.....	. 61
Milford, Walton W., collaborator.....	. 20
Miller, Wm. H., collaborator.....	1. 00
Millsaps, Elliott S., collaborator.....	1. 00
Mishoe, Walter, collaborator.....	. 33
Mooney, Ben S., collaborator.....	1. 00
Moore, Zeno, collaborator.....	. 43
Moorman, Albert H., collaborator.....	. 20
Morgan, Stephen E., collaborator.....	. 27
Motter, Gertrude E., collaborator.....	. 27
Mundy, Pierce Butler, collaborator.....	. 37
Neblett, Nathaniel F., collaborator.....	. 25
Newell, Frank B., collaborator.....	1. 00
Nicolson, Betty B., clerk.....	18. 33
Oliver, Griffin E., collaborator.....	1. 00
Oliver, Jonas Granbury, collaborator.....	. 66
Oliver, J. T., collaborator.....	1. 00
Parker, John C., collaborator.....	1. 00
Parker, Lonnie L., collaborator.....	1. 00
Peacock, Oliver L., collaborator.....	1. 00
Peele, Jephtha, collaborator.....	. 33
Perry, Louis J., collaborator.....	1. 00
Petree, Wesley A., collaborator.....	. 66
Peyton, Henry S., collaborator.....	. 83
Phelps, James C., collaborator.....	. 08
Pierce, John B., collaborator.....	1. 00
Pitts, David J., collaborator.....	. 66
Reid, Samuel F., collaborator.....	. 24
Rhodes, Larkin T., collaborator.....	. 20
Ridenhour, Henderson C., collaborator.....	. 30
Ridgway, Ruth M., clerk.....	220. 00
Ridings, Henry J., collaborator.....	. 49
Ritch, Guy A., collaborator.....	. 20
Ross, John J., collaborator.....	1. 00
Rosser, Walter C., collaborator.....	1. 00
Rothrock, James W., collaborator.....	1. 00
Roux, Louis Thomas, collaborator.....	. 70
Rushing, Milledge J., collaborator.....	. 62
Sandeford, William C., collaborator.....	1. 00
Sandy, T. O., collaborator.....	1. 00
Savely, Harvey E., special agent.....	1, 800. 00
Schaub, I. O., collaborator.....	. 91
Shackleford, Thomas W., collaborator.....	. 27

## (1) General administrative and supervisory work, etc.—Continued.

## Salaries, lump-fund roll—Continued.

Shackleford, William C., collaborator.....	\$0. 83
Shealy, James W., collaborator.....	1. 00
Simpson, Charles H., collaborator.....	. 25
Sloan, John F., collaborator.....	. 36
Smith, David H., collaborator.....	1. 00
Smith, J. E. W., collaborator.....	. 66
Smith, William H., collaborator.....	1. 00
Snead, William O., collaborator.....	75. 72
Spain, Sidney P., collaborator.....	1. 00
Spears, Julian A., collaborator.....	. 25
Staples, Jacob T., collaborator.....	. 20
Stroup, Able C., collaborator.....	1. 00
Sullivan, Jared D., collaborator.....	1. 00
Sullivan, Rufus B., collaborator.....	1. 00
Summers, John A., collaborator.....	1. 00
Swaty, David R., collaborator.....	1. 00
Thompson, Benjamin H., collaborator.....	. 62
Thompson, George H., collaborator.....	. 66
Tinsley, James B., collaborator.....	. 19
Todd, Blanche, clerk.....	250. 00
Tolleson, Joseph G., collaborator.....	1. 00
Trapnell, John G., collaborator.....	1. 00
Turlington, William H., collaborator.....	1. 00
Turnbull, Junius, jr., collaborator.....	. 75
Underwood, Samuel A., collaborator.....	. 65
Vaughan, J. B., collaborator.....	. 25
Walker, Moses Wesley, collaborator.....	. 66
Walsh, Mary F., clerk.....	220. 00
Wampler, Charles W., collaborator.....	. 20
Ware, Edmund E., collaborator.....	. 25
Warnock, John A., collaborator.....	. 61
Warriner, Benjamin Archer, collaborator.....	. 25
Waters, John T., collaborator.....	. 31
Waters, Sarah, clerk.....	289. 67
Watson, F. M., collaborator.....	. 66
Watson, Luther S., collaborator.....	. 25
Wedderburn, Helen P., clerk.....	23. 33
Westberry, Ransom W., collaborator.....	1. 00
White, Nola, collaborator.....	. 73
Whitmore, May J., clerk.....	840. 00
Williams, Herbert A., collaborator.....	. 66
Williams, Ira W., collaborator.....	1. 00
Williams, Ivan, collaborator.....	. 53
Williams, James A., collaborator.....	. 62
Williams, John F., collaborator.....	. 66
Willis, Harris E., collaborator.....	. 31
Willis, John W., collaborator.....	1. 00
Winfree, Charles A., collaborator.....	. 03
Wood, William G., collaborator.....	. 79
Wright, W. S., collaborator.....	. 20
Wyatt, Hardee, clerk.....	994. 50
Yarborough, Alonzo F., collaborator.....	. 53
Yates, William W., collaborator.....	1. 00
Salaries, statutory—	
Hardenstein, Florence P., clerk.....	720. 00
Klett, Anna C., clerk.....	875. 00
Lingle, Albert F., messenger.....	480. 00
Massie, Mattie L., skilled laborer.....	200. 00
Snyder, Evva Magnus, clerk.....	900. 00
Todd, Blanche, clerk.....	350. 00
Vansant, Elsie, clerk.....	924. 17

39, 198. 27



- (2) Demonstration work in east Texas. The study and demonstration of improved cultural methods, diversification of crops, preparation of soil, selection of seed, and other means of counteracting effects of the invasion and ravages of the cotton-boll weevil..... \$3, 515. 70
- Salaries, lump-fund roll:
- |                                           |            |
|-------------------------------------------|------------|
| Acker, Henry Wise, special agent.....     | 412. 50    |
| Allen, Columbus E., special agent.....    | 853. 67    |
| Allen, John O., special agent.....        | 900. 00    |
| Bean, M. G., special agent.....           | 525. 00    |
| Beeson, Horace W., special agent.....     | 562. 50    |
| Booth, J. J., special agent.....          | 150. 00    |
| Branch, Clarence C., special agent.....   | 177. 50    |
| Bryson, William L., special agent.....    | 75. 00     |
| Cauthen, James B., special agent.....     | 562. 50    |
| Davis, John F., special agent.....        | 75. 00     |
| Elder, Blanton Burton, special agent..... | 177. 50    |
| Greer, James D., special agent.....       | 550. 00    |
| Gregory, John H., special agent.....      | 858. 33    |
| Harrison, John V., special agent.....     | 257. 50    |
| Huffman, L. J., special agent.....        | 225. 00    |
| Huffman, Marshall E., special agent.....  | 1, 000. 00 |
| Hughes, James O., special agent.....      | 225. 00    |
| Kuykendall, M. L., special agent.....     | 1, 000. 00 |
| Lanier, Isaac H., special agent.....      | 75. 00     |
| McInnis, Walter B., special agent.....    | 300. 00    |
| McKnight, James B., special agent.....    | 187. 50    |
| McWilliams, John T., special agent.....   | 675. 00    |
| Miller, James Smith, special agent.....   | 333. 50    |
| Myers, David C., special agent.....       | 525. 00    |
| Orms, George W., special agent.....       | 1, 605. 00 |
| Plunkett, Tom O., special agent.....      | 900. 00    |
| Prince, Abram H., special agent.....      | 337. 00    |
| Procter, Wm. C., special agent.....       | 100. 00    |
| Procter, Wm. F., special agent.....       | 1, 866. 67 |
| Pruitt, George H., special agent.....     | 250. 00    |
| Ross, Dan B., special agent.....          | 300. 00    |
| Runnels, Lewis C., special agent.....     | 265. 50    |
| Shaw, Lee E., collaborating clerk.....    | 116. 50    |
| Shirley, Thomas M., agent.....            | 70. 00     |
| Smith, George T., special agent.....      | 525. 00    |
| Stallings, William C., special agent..... | 1, 000. 00 |
| Terrell, Thomas E., special agent.....    | 1, 030. 00 |
| Truett, James P., special agent.....      | 307. 50    |
| Vandiver, Moses H., special agent.....    | 525. 00    |
| Waltman, John W., special agent.....      | 637. 50    |
| Walton, Thomas O., special agent.....     | 825. 00    |
| Winfrey, Geo. H., special agent.....      | 675. 00    |
| Wood, Thomas B., special agent.....       | 750. 00    |
- \$26, 284. 87
- (3) Demonstration work in west Texas. The work here and in other States is similar to that in east Texas, with such modifications as the local conditions in each section may demand..... 3, 278. 40
- Salaries, lump-fund roll:
- |                                           |            |
|-------------------------------------------|------------|
| Anderson, Benjamin M., special agent..... | 150. 00    |
| Atcheson, T. S., special agent.....       | 162. 50    |
| Aten, Frank L., special agent.....        | 637. 50    |
| Alsup, Joseph F., special agent.....      | 125. 00    |
| Barron, John T., special agent.....       | 622. 50    |
| Barton, Rufus K., collaborator.....       | 120. 00    |
| Banzhaf, George, special agent.....       | 612. 50    |
| Bayless, Arthur C., special agent.....    | 187. 50    |
| Berryman, John O., special agent.....     | 816. 67    |
| Butcher, Judge W., special agent.....     | 675. 00    |
| Campbell, Wm. W., special agent.....      | 194. 00    |
| Clarke, Frank, special agent.....         | 1, 000. 00 |

## (3) Demonstration work in west Texas—Continued.

## Salaries, lump-fund roll—Continued.

Connor, Arthur B., scientific assistant.....	\$1,400.00
Davis, Walter E., special agent.....	637.50
Durrenberger, Ira A., special agent.....	675.00
Elrod, Robert P., special agent.....	525.00
Evans, E. Lockley, special agent.....	300.00
Fields, Robert O., special agent.....	600.00
Fischer, Julius F., special agent.....	542.50
Ford, Benjamin H., special agent.....	130.00
Ganzer, William, special agent.....	883.33
Jordan, John Henry, special agent.....	262.50
Latham, Albert M., special agent.....	637.50
McClung, Earl J., special agent.....	562.50
McConkey, J. L., special agent.....	600.00
McCord, John B., special agent.....	525.00
McKenzie, Wm. A., special agent.....	92.50
Marks, Thomas M., special agent.....	525.00
Moore, Charles H., special agent.....	585.00
Payne, Milton T., special agent.....	600.00
Philip, Simon Reid, agent.....	75.00
Philpitt, Edward, carpenter.....	91.00
Quicksall, James L., special agent.....	1,600.00
Scott, Robert F., special agent.....	237.50
Sebesta, Julius S., special agent.....	525.00
Sheffer, Franklin G., special agent.....	40.00
Wilkins, Pascal P., special agent.....	600.00

\$21,833.40

## (4) Demonstration work in Oklahoma..... 2,223.91

## Salaries, lump-fund roll:

Aldrich, Albert A., special agent.....	663.33
Ansley, Edwin P., special agent.....	686.67
Bentley, Martha M., collaborator.....	98.33
Bentley, Walter D., special agent.....	1,800.00
Bishop, George L., special agent.....	649.17
Bishop, Jefferson A., special agent.....	130.00
Brinley, Joseph F., special agent.....	450.00
Christian, George A., special agent.....	395.00
Corley, James W. L., special agent.....	625.00
Council, James R., special agent.....	300.00
Coxwell, Hilliard J., special agent.....	562.50
Donnelly, James A., special agent.....	427.50
English, William L., special agent.....	1,200.00
Ferguson, Fabius F., special agent.....	1,200.00
Finley, Sam, special agent.....	150.00
Forrester, Dick R., special agent.....	257.50
Garland, Hiram, special agent.....	412.50
Graham, Anthony G., special agent.....	766.67
Harter, Joseph P., special agent.....	375.00
Henson, James Elmer, special agent.....	450.00
Hester, Maon, special agent.....	450.00
Ives, Fred H., special agent.....	467.50
Jackson, Beele M., special agent.....	600.00
Johnson, Charley J., special agent.....	112.50
Keating, Edith F., clerk.....	600.00
McAlister, Nathan T., agent.....	75.00
McClure, John Edward, special agent.....	200.00
McPherson, William N., special agent.....	600.00
Marsh, James Austin, special agent.....	392.50
Matherly, William H., special agent.....	375.00
Mitchell, F. A., special agent.....	375.00
Murphy, Shadrach W., special agent.....	750.00
Peters, James Anderson, special agent.....	452.50
Pinkley, Charles H., special agent.....	762.50
Runnells, Thomas M., special agent.....	112.50
Stewart, Lawrence E., agent.....	83.33

20,231.41

(5) Demonstration work in Louisiana.....	\$4, 153. 16
Salaries, lump-fund roll:	
Alsop, Sam B., collaborator.....	675. 00
Ballard, John, special agent.....	562. 50
Barnett, John C., special agent.....	650. 00
Bauanchaud, J. L., special agent.....	512. 50
Bellard, Pierre A., collaborator.....	87. 50
Binion, Robert L., special agent.....	247. 50
Bordelon, Avit C., agent.....	241. 66
Braswell, Herbert P., special agent.....	305. 84
Brian, Hardy Lee, collaborator.....	262. 50
Brownfield, John F., special agent.....	150. 67
Burley, Charles B., special agent.....	562. 50
Calhoun, Lucius M., special agent.....	779. 17
Clotiaux, Victorin, collaborator.....	212. 50
Conger, William Nathan, special agent.....	375. 00
Cowdin, Eugene P., special agent.....	917. 50
Cumpton, Green L., special agent.....	262. 50
Daigle, Gabriel, collaborator.....	80. 83
David, Henry J., special agent.....	320. 00
DeKerlegand, G., collaborator.....	36. 67
Durio, Joseph A., collaborator.....	50. 00
Evans, Eddie Norman, special agent.....	150. 67
Evans, James A., special agent.....	2, 000. 00
Evans, Sir Rupert, collaborating clerk.....	200. 00
Fontenot, Rene C., collaborator.....	212. 50
Freiler, Amos K., special agent.....	337. 50
Guillot, Amet, collaborator.....	212. 50
Hamilton, Pat S., special agent.....	562. 50
Hudson, William C., collaborator.....	212. 50
Kell, Lawrence C., special agent.....	188. 33
Kimbell, William E., special agent.....	262. 50
Kirbow, William R., special agent.....	207. 50
Krause, Henry M., special agent.....	562. 50
Lee, J. G., jr., collaborator.....	75. 00
Lewis, William B. F., special agent.....	720. 00
Mire, J. Cledament, special agent.....	139. 00
Montgomery, William H., special agent.....	233. 32
Morrow, Albert A., special agent.....	425. 00
Newell, Ben Y., special agent.....	375. 00
Perrin, Louis E., special agent.....	1, 282. 50
Rabalais, Abel H., collaborator.....	212. 50
Ramsey, Wm. T. J., special agent.....	562. 50
Risher, George F., special agent.....	562. 50
Ross, Isaac A., special agent.....	562. 50
Roy, Victor L., special agent.....	900. 00
Slack, Charles J., collaborator.....	212. 50
Smith, S. Garner, special agent.....	262. 50
Snowden, Mason, special agent.....	1, 320. 00
Strickland, David B., special agent.....	295. 00
Sutton, George R., special agent.....	900. 00
Swann, Howell Cobb, special agent.....	425. 00
Taylor, William B., special agent.....	225. 00
Thibodeaux, Charles N., collaborator.....	105. 00
Thomas, John L., special agent.....	223. 33
Ventress, Senaca Penn, special agent.....	173. 75
Walton, Edwin J., special agent.....	175. 00
Watson, Charles W., special agent.....	300. 00
Watson, Wm. L., special agent.....	562. 50
Wemple, Joe E., special agent.....	1, 255. 00
White, John Thomas, collaborator.....	200. 00
Woods, Bedford E., special agent.....	141. 25
	<hr/>
	\$29, 380. 15
(6) Demonstration work in Arkansas.....	3, 118. 14
Salaries, lump-fund roll:	
Apple, William J., special agent.....	1, 070. 00
Bell, Thomas, special agent.....	547. 50
Black, James H., special agent.....	562. 50



## (6) Demonstration work in Arkansas—Continued.

## Salaries, lump-fund roll—Continued.

Blount, Edwin Avery, special agent.....	\$225. 00
Bond, Edward W., special agent.....	120. 00
Brian, H. L., collaborator.....	100. 00
Burnett, Frank P., collaborator.....	240. 00
Cook, Clay M., special agent.....	562. 50
Crowder, Culver, special agent.....	46. 25
Davidson, Robert C., special agent.....	1, 070. 00
Dellinger, John F., special agent.....	760. 00
Egan, Philip K., collaborator.....	362. 50
Elliott, Monroe E., special agent.....	562. 50
Garner, Martin Van, special agent.....	218. 75
Gordon, Alexander A., special agent.....	562. 50
Gray, James Edwin, special agent.....	350. 00
Haden, William F., collaborator.....	125. 00
Jackson, Preston B., special agent.....	225. 00
Kizer, John R., special agent.....	201. 25
Leib, J. Logan, special agent.....	105. 00
McDonald, Albert A., special agent.....	167. 50
McDonald, William H., special agent.....	562. 50
McQuiston, Robert S., special agent.....	562. 50
Mardis, John Price, special agent.....	187. 50
Martin, James T., collaborator.....	96. 67
Melville, John A., special agent.....	112. 50
Middleton, Jasper N., special agent.....	10. 00
Mobley, H. S., special agent.....	866. 67
Moore, James J., special agent.....	1, 070. 00
Nixon, Oliver P., special agent.....	225. 00
Owens, Leander D., special agent.....	712. 00
Parks, John Douglass, special agent.....	562. 50
Parlier, John William, special agent.....	180. 00
Phares, David L., special agent.....	168. 75
Proctor, Wm. C., special agent.....	222. 50
Pye, George C., collaborator.....	25. 00
Raines, James N., special agent.....	562. 50
Rogers, James E., special agent.....	350. 00
Rooker, James T., special agent.....	345. 00
Sims, William D., special agent.....	405. 00
Sivils, Rufus M., special agent.....	562. 50
Taylor, James E., special agent.....	225. 00
Timmons, Edward E., special agent.....	240. 00
Tuggle, Charles M., collaborator.....	85. 83
Venable, William R., special agent.....	562. 50
Waldrop, William D., collaborator.....	312. 50
Waldrop, Wm. T., special agent.....	400. 00
Wear, Albert E., special agent.....	185. 00
Whitehead, A. D., collaborator.....	212. 50
Williams, John R., special agent.....	158. 75
Williamson, Thomas B., special agent.....	225. 00
Young, Wm. E., special agent.....	175. 00

\$21, 873. 06

## (7) Demonstration work in Mississippi..... 5, 304. 66

## Salaries, lump-fund roll:

Alford, George H., special agent.....	725. 00
Armstrong, James M., special agent.....	225. 00
Bailey, Peter G., special agent.....	300. 00
Booker, James A., special agent.....	471. 33
Bridgers, Thomas, special agent.....	300. 00
Brumfield, Charles N., special agent.....	350. 00
Buchanan, James L., special agent.....	300. 00
Burkett, Julius C., special agent.....	51. 25
Cain, William H., special agent.....	137. 50
Clayton, William D., special agent.....	573. 34
Coleman, Vallie P., special agent.....	600. 00
Criss, Wm. Morrison, special agent.....	550. 00
Day, Robert Lee, collaborator.....	162. 50

## (7) Demonstration work in Mississippi—Continued.

## Salaries, lump-fund roll—Continued.

Dean, J. Minic, special agent.....	\$397. 92
Dotson, Burkett G., special agent.....	100. 00
Ford, William M., special agent.....	112. 50
Garner, P. P., special agent.....	1, 722. 23
Green, Edgar, special agent.....	562. 50
Hanna, J. K. P., special agent.....	273. 33
Hathorn, H. Guy, special agent.....	300. 00
Hearst, Joseph P., special agent.....	88. 75
Kennedy, Oliver L., special agent.....	600. 00
King, John C., special agent.....	168. 75
Lee, Jesse J., special agent.....	400. 00
Lundy, William B., special agent.....	525. 00
McGehee, John H., special agent.....	168. 75
McHaffey, John H., special agent.....	312. 50
Magee, Warren L., special agent.....	88. 75
Markham, Louis A., collaborator.....	300. 00
Moss, Benjamin L., special agent.....	1, 395. 00
Mullen, Felix L., special agent.....	75. 00
Nichols, Herbert S., special agent.....	1, 095. 00
Price, William T., special agent.....	300. 00
Randle, James W., special agent.....	128. 75
Sanders, Clayton, collaborating clerk.....	234. 17
Stansell, John E., special agent.....	600. 00
Stephens, Benjamin Z., special agent.....	300. 00
Tate, Hughey D., special agent.....	1, 395. 00
Tillery, Bunyan, collaborator.....	25. 00
Watson, Charles W., special agent.....	175. 00
Weeks, Albert B., special agent.....	168. 75
Williamson, James F., special agent.....	225. 00
Wilson, R. Samuel, special agent.....	1, 712. 50
Woodruff, Arthur S., special agent.....	289. 58
Yelverton, Rufus S., special agent.....	112. 50
Young, William E., special agent.....	225. 00

\$24, 627. 81

## (8) Demonstration work in Alabama..... 3, 599. 15

## Salaries, lump-fund roll:

Benton, Arthur F., special agent.....	425. 00
Blackwell, Thomas L., special agent.....	300. 00
Campbell, Thomas M., special agent.....	960. 00
Coker, Wesley T., special agent.....	525. 00
Conway, William H., special agent.....	562. 50
Dove, Clifford, collaborating clerk.....	52. 20
Duncan, Luther N., special agent.....	1, 725. 00
Edwards, James F., special agent.....	200. 00
Handley, Guy H., special agent.....	562. 50
Harrell, Alford G., special agent.....	300. 00
Helmes, Joseph E., special agent.....	525. 00
House, Wiley S., collaborator.....	162. 50
Hughes, Perry B., collaborator.....	30. 00
Huling, Joel A., collaborator.....	187. 50
Jones, Frank C., collaborator.....	4. 17
Kent, Andrew J., special agent.....	75. 00
Kile, James M., special agent.....	75. 00
Kimbrough, Argus L., special agent.....	425. 00
Knight, William H., special agent.....	562. 50
Lord, Walter, collaborator.....	62. 50
Maloney, George A., special agent.....	437. 50
Menafee, Crofford D., special agent.....	455. 00
Milford, Walton W., special agent.....	100. 00
Miller, Walter E., special agent.....	220. 00
Mims, Edward, special agent.....	600. 00
Moorman, Albert H., special agent.....	350. 00
Nichols, William F., collaborator.....	150. 00
Persons, Henry T., collaborator.....	30. 00
Phelps, James C., special agent.....	1, 375. 00

## (8) Demonstration work in Alabama—Continued.

## Salaries, lump-fund roll—Continued.

Reeder, John W., special agent.....	\$250. 00
Rhodes, Larkin T., special agent.....	350. 00
Ritch, Guy A., special agent.....	75. 00
Sartain, John W., special agent.....	200. 00
Simmons, Frank, special agent.....	600. 00
Simms, Harry, special agent.....	441. 00
Staples, Jacob T., special agent.....	350. 00
Striplin, Charles F., special agent.....	210. 00
Tate, Washington, special agent.....	256. 25
Turner, J. Roland, special agent.....	600. 00
Wade, James A., special agent.....	300. 00
Watt, Joseph T., special agent.....	1, 025. 00
Westbrook, John DeWitt, special agent.....	600. 00
Windham, John S., special agent.....	187. 50
Wise, H. A., agent.....	36. 67
Young, Benjamin L., collaborator.....	125. 00
	<hr/>
	\$20, 644. 44
Total expenditures.....	204, 073. 41
Expended prior to July 1, 1910.....	21, 736. 38
Balance.....	3, 639. 38
	<hr/>
	229, 449. 17

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of \* \* \* grain, cotton, \* \* \* vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil."

## ARLINGTON EXPERIMENTAL FARM AND HORTICULTURAL INVESTIGATIONS.

[L. C. CORBETT, Horticulturist in Charge.]

## Salaries:

Statutory.....	\$11, 594. 50
Lump fund.....	22, 993. 13
Miscellaneous expenses and supplies.....	9, 947. 88
Traveling and field expenses.....	4, 258. 99
	<hr/>
Total appropriation.....	48, 794. 50

## Expended as follows:

(1) Arlington, Va., Experimental Farm.....	\$6, 641. 46
Salaries, lump-fund roll:	
Amole, W. F., unskilled laborer.....	49. 50
Bailey, George W., unskilled laborer.....	313. 50
Barrett, Ellis, unskilled laborer.....	115. 00
Boswell, Nettie L., unskilled laborer.....	32. 00
Burke, Edward, unskilled laborer.....	9. 59
Burke, John, unskilled laborer.....	10. 34
Byrd, Ernest, unskilled laborer.....	279. 75
Capehart, Laura A., unskilled laborer.....	2. 00
Clements, Charles A., clerk.....	17. 50
Cole, T. L., unskilled laborer.....	12. 00
Cookman, Benjamin C., blacksmith.....	630. 00
Cooksey, Wm. R., carpenter.....	520. 00
Corbett, Lee C., horticulturist in charge.....	750. 00
Corder, Wm., unskilled laborer.....	76. 50
Dodson, F. E., unskilled laborer.....	95. 25
Dove, Walter D., unskilled laborer.....	56. 25
Edwards, Raymond T., unskilled laborer.....	60. 00



## (1) Arlington, Va., Experimental Farm—Continued.

## Salaries, lump-fund roll—Continued.

Freeman, Jefferson, unskilled laborer.....	\$180. 00
Garrett, William A., unskilled laborer.....	345. 00
Hardy, R. L., unskilled laborer.....	352. 87
Hull, David N., unskilled laborer.....	8. 75
Hungerford, Wm. H., unskilled laborer.....	158. 25
Iglehart, Thomas G., carpenter.....	37. 50
Jackson, Edward, unskilled laborer.....	309. 00
Jackson, Lyfus, unskilled laborer.....	101. 25
Jones, J. Walter, expert.....	472. 50
Jones, Spencer, unskilled laborer.....	60. 18
Kemp, Edward, unskilled laborer.....	21. 08
Lane, Charles E., unskilled laborer.....	99. 00
Lawrence, John R., unskilled laborer.....	10. 50
Lawrence, Linwood, unskilled laborer.....	10. 50
Lee, Charles W., unskilled laborer.....	328. 00
Lewis, John H., unskilled laborer.....	75. 75
Lewis, Wm. E., unskilled laborer.....	171. 75
Lisson, E., unskilled laborer.....	39. 75
Lynn, James B., unskilled laborer.....	102. 75
Lynn, Thomas H., unskilled laborer.....	445. 50
Marcey, Curtis, unskilled laborer.....	516. 75
Marcey, Edward, unskilled laborer.....	12. 00
Marcey, Gordon, unskilled laborer.....	309. 00
Minor, Myrick B., unskilled laborer.....	157. 50
Morgan, Arthur C., unskilled laborer.....	158. 25
Morris, Albert, unskilled laborer.....	243. 00
Morris, J. C., unskilled laborer.....	15. 75
Olszewski, Leopold, laborer.....	351. 75
Payne, Harry S., painter.....	212. 67
Pearson, Wm. M., unskilled laborer.....	170. 25
Putnam, Clarence, unskilled laborer.....	153. 75
Saunders, Alexander, unskilled laborer.....	328. 50
Schrider, B. F., mechanician.....	205. 00
Shugars, Lewis, unskilled laborer.....	183. 75
Smith, Wm. W., expert.....	1, 000. 00
Smoot, George W., unskilled laborer.....	301. 12
Wallace, Arthur W., unskilled laborer.....	166. 50
Willis, H. D., unskilled laborer.....	19. 50
Willis, Prescott, unskilled laborer.....	22. 87
Willis, Preston, unskilled laborer.....	8. 00

## Salaries, statutory:

Allen, Tibbett, skilled laborer.....	447. 00
Butterfield, Earl C., superintendent.....	1, 800. 00
Clinkett, Isaac, skilled laborer.....	540. 00
Franklin, Charles D., skilled laborer.....	600. 00
Gordon, John C., skilled laborer.....	540. 00
Graeff, Peter B., clerk.....	840. 00
Hardy, Iverson T., skilled laborer.....	67. 50
Hull, William S., gardener.....	720. 00
Minor, George O., skilled laborer.....	660. 00
Willis, William E., skilled laborer.....	720. 00

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\$24, 470. 93

## (2) Experiments in forcing plants under glass..... 1, 010. 68

## Salaries, lump-fund roll:

Blandford, J. B., unskilled laborer.....	562. 50
Corbett, Lee C., horticulturist in charge.....	750. 00
Corder, George, unskilled laborer.....	70. 00
Lee, Charles W., unskilled laborer.....	200. 00
Marcey, Frank L., unskilled laborer.....	100. 50
Mayer, August, expert.....	112. 50
Milstead, Joseph I., unskilled laborer.....	80. 00
Rhodes, Joseph L., assistant gardener.....	470. 00
Studds, Wm., unskilled laborer.....	180. 00
Zoellner, Herman G., gardener.....	510. 00

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4, 046. 18

(3) Truck crop survey, special studies of the distribution, season of maturity, time of planting, and methods of marketing, etc.....	\$47. 30	
Salaries, lump-fund roll:		
Beattie, Wm. R., assistant horticulturist.....	400. 00	
Corbett, Lee C., horticulturist in charge.....	200. 00	
Stuart, Wm., expert.....	200. 00	
		\$847. 30
(4) Potato tests and investigations.....	1, 638. 58	
Salaries, lump-fund roll:		
Corbett, Lee C., horticulturist in charge.....	200. 00	
Johnson, Thomas C., collaborator.....	30. 00	
Shear, Wm. V., scientific assistant.....	100. 00	
Stuart, Wm., expert.....	1, 200. 00	
Wellington, Joseph W., collaborator.....	40. 00	
		3, 208. 58
(5) Sweet potato investigations.....	30. 03	
Salaries, lump-fund roll:		
Beattie, Wm. R., assistant horticulturist.....	200. 00	
Malcolm, Donald C., unskilled laborer.....	50. 00	
Milstead, Joseph I., unskilled laborer.....	120. 00	
		400. 03
(6) Peanut investigations, experiments in the production of peanut oil, tests of new and improved machinery for both crop and oil productions, importing varieties into the cotton States as a human food and especially a stock food.....	1, 429. 96	
Salaries, lump-fund roll:		
Beattie, Wm. R., assistant horticulturist.....	700. 00	
McLaughlin, Susan, clerk.....	60. 00	
Malcolm, Donald C., unskilled laborer.....	50. 00	
Milstead, Joseph I., unskilled laborer.....	200. 00	
		2, 439. 96
(7) Onion investigations, including production of seed and sets, methods of cultivating, storing, marketing, and other means of improving and extending the onion industry.....	3. 07	
Salaries, lump-fund roll:		
Beattie, Wm. R., assistant horticulturist.....	200. 00	
Malcolm, Donald C., unskilled laborer.....	50. 00	
Milstead, Joseph I., unskilled laborer.....	80. 00	
		333. 07
(8) Miscellaneous horticultural investigations, including truck-crop problems, cooperative studies in bulb growing, school garden work in cooperation with school authorities throughout the country, and various other matters pertaining to the production of truck or garden crops.....	169. 09	
Salaries, lump-fund roll:		
Beattie, Wm. R., assistant horticulturist.....	150. 00	
Corbett, Lee C., horticulturist in charge.....	200. 00	
Hume, Edward, unskilled laborer.....	247. 50	
Payne, Harry S., painter.....	250. 00	
Shoemaker, D. N., expert.....	75. 00	
Stuart, Wm., expert.....	100. 00	
Thompson, Homer C., laboratory aid.....	198. 33	
		1, 389. 92
(9) Demonstration work in horticulture, giving suggestions and assistance to growers in the outlining of plans for gardens, truck farms, and ornamental grounds; preparation of publications; and the dissemination of information by correspondence and field demonstrations.....	1, 596. 49	
Salaries, lump-fund roll:		
Corbett, Lee C., horticulturist in charge.....	400. 00	
Franklin, Julia R., charwoman.....	51. 33	
Honemond, Virginia B., charwoman.....	242. 33	
Lower, Irvin B., student assistant.....	125. 00	
McLaughlin, Susan, clerk.....	300. 00	

## (9) Demonstration work in horticulture, etc.—Continued.

## Salaries, lump-fund roll—Continued.

Malcolm, Donald C., unskilled laborer.....	\$100. 00
Ralph, Robert A., unskilled laborer.....	116. 50
Stuart, Wm., expert.....	75. 00

## Salaries, statutory:

Bragdon, Clara K., clerk.....	720. 00
Caruthers, Robert P., clerk.....	1, 400. 00
Davis, Hugh M., skilled laborer.....	300. 00
McLaughlin, Susan, clerk.....	390. 00
Massie, Mattie L., skilled laborer.....	400. 00
Sawyer, Alice Maud, clerk.....	1, 000. 00
Selecman, Charlotte M. R., clerk.....	150. 00

\$7, 366. 65

## (10) Nutrition investigations with truck crops, to determine the nutritive value of various fertilizers and the most profitable use of each in crop rotation and production...

348. 14

## Salaries, lump-fund roll:

Corbett, Lee C., horticulturist in charge.....	50. 00
Shear, Wm. V., scientific assistant.....	100. 00
Stuart, Wm., expert.....	300. 00

798. 14

## (11) Vegetable and flower seed testing, to determine purity and germinating power of seed secured for congressional distribution, as well as novelties offered by the seed trade; classifying varieties of vegetables according to degrees of varietal character, and breeding new and distinct types of plants with qualities fitting them to particular commercial requirements.....

931. 47

## Salaries, lump-fund roll:

Beattie, Wm. R., assistant horticulturist.....	150. 00
Corbett, Lee C., horticulturist in charge.....	300. 00
Shear, Wm. V., scientific assistant.....	300. 00
Shoemaker, D. N., expert.....	91. 67
Tracy, Will W., jr., assistant botanist.....	305. 00
Veihmeyer, Frank J., assistant in mycology.....	255. 00

## Salaries, statutory:

Davis, Hugh M., skilled laborer.....	300. 00
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2, 633. 14

## (12) Cooperative work on fruit varieties, collections of fruits of authentic types maintained on the Arlington Farm for systematic study, comparison, and description, and for use at the ranger stations in the national forests, in cooperation with the Office of Pomological Collections and the Office of Field Investigations in Pomology.....

157. 73

## Salaries, lump-fund roll:

Corbett, Lee C., horticulturist in charge.....	150. 00
Corder, George, unskilled laborer.....	150. 00
Malcolm, Donald C., unskilled laborer.....	75. 00
Smith, Wm. W., expert.....	125. 00

657. 73

Total expenditures..... 48, 591. 63

Balance..... 202. 87

48, 974. 50

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, fruit trees, grain, \* \* \* vegetables, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate in the State of Virginia, in accordance with the provisions of the act of Congress approved April 18, 1900, and for other general horticultural investigations."



## POMOLOGICAL COLLECTIONS.

[G. B. BRACKETT, Pomologist in Charge.]

Salaries:	
Statutory.....	\$8,769.17
Lump fund.....	6,928.90
Miscellaneous expenses and supplies.....	1,536.12
Traveling and field expenses.....	138.98
Total allotment.....	<u>17,373.17</u>

## Expended as follows:

(1) Office work, and modeling and painting of fruits, collecting and disseminating information relative to fruit culture, maintenance of reference files, herbarium, and collections of models and paintings.....	\$655.64	
Salaries, lump-fund roll:		
Brackett, G. B., pomologist in charge.....	3,000.00	
Gelletly, Celia, charwoman.....	540.00	
Gibson, Annie E., charwoman.....	480.00	
Irwin, William, assistant in pomology.....	1,600.00	
Lake, Edward R., expert.....	133.34	
Marcey, Theodore, unskilled laborer.....	540.00	
Ragan, William H., expert.....	160.00	
Salaries, statutory:		
Harrison, Bessie K., clerk.....	717.50	
Huddleson, S. M., clerk.....	600.00	
Lower, Elsie E., clerk.....	675.00	
Newton, A. A., clerk.....	1,200.00	
Passmore, Deborah G., clerk.....	1,400.00	
Schutt, Ellen I., clerk.....	1,200.00	
Snyder, Melvin J., messenger.....	75.00	
Thomas, Millard L., messenger.....	61.67	
		13,038.15
(2) Identification and description of fruits. The furnishing of detailed descriptions of different varieties of fruits submitted by correspondents, or otherwise, for identification.....	160.88	
Salaries, statutory:		
Corrick, Harry K., clerk.....	1,000.00	
Hall, Clifford Lee, clerk.....	840.00	
		2,000.88
(3) Simplification of fruit nomenclature. A revision and purification of the nomenclature of fruits and corrections of erroneous names as an aid to orchardists, who experience losses through commercial use of different names for the same variety, in establishing fruit culture and nursery work on a stable basis as to terminology.....	37.54	
Salaries, statutory:		
Huddleson, S. M., clerk.....	500.00	
		537.54
(4) Studies of various fruit problems. Cooperative testing of fruit varieties on the Arlington Experiment Farm, and studies of various fruit problems to determine varietal adaptability, to extend the area of fruit culture, and to secure varieties resistant to cold and diseases:		
Salaries, lump-fund roll—		
Lake, Edward R., expert.....	475.56	
Huddleson, S. M., clerk.....	500.00	
		975.56
Total expenditures.....		16,552.13
Balance.....		821.04
		<u>17,373.17</u>

## FIELD INVESTIGATIONS IN POMOLOGY.

[WILLIAM A. TAYLOR and G. HAROLD POWELL, Pomologists in Charge.]

## Salaries:

Statutory.....	\$6, 120. 00
Lump fund.....	32, 453. 30
Miscellaneous expenses and supplies.....	6, 300. 37
Traveling and field expenses.....	25, 267. 33

Total allotment.....	70, 141. 00
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## Expended as follows:

- (1) Administrative and supervisory work, planning and directing field investigations; correspondence, and other necessary office details..... \$1, 838. 66
- Salaries, lump-fund roll:
- |                                               |            |
|-----------------------------------------------|------------|
| Alexander, Gertrude D., clerk.....            | 313. 00    |
| Hicks, Meta E., unskilled laborer.....        | 198. 67    |
| Linton, Bertha G., clerk.....                 | 180. 00    |
| Powell, G. Harold, pomologist in charge.....  | 291. 67    |
| Scott, Pauline M., clerk.....                 | 6. 00      |
| Taylor, William A., pomologist in charge..... | 2, 250. 00 |
| Wheeler, Charles F., expert.....              | 166. 67    |
| Zellers, Nellie E., clerk.....                | 360. 00    |
- Salaries, statutory:
- |                                    |            |
|------------------------------------|------------|
| Bechtold, Frank E., clerk.....     | 1, 000. 00 |
| Herrick, Emma C., clerk.....       | 1, 200. 00 |
| Langford, James B., messenger..... | 480. 00    |
| Shepherd, Arthur C., clerk.....    | 1, 400. 00 |
- 9, 684. 67
- (2) Fruit marketing (a study of cooperative marketing in this country and abroad; best methods of packing and shipping; means of securing uniformity in packages and grade standards; and especial tests for determining and improving carrying quality of fruit during ocean transit and domestic shipment for market)..... 801. 58
- Salaries, lump-fund roll:
- |                                                |         |
|------------------------------------------------|---------|
| Gore, Herbert C., scientific assistant.....    | 900. 00 |
| Hosford, George W., assistant pomologist.....  | 160. 00 |
| McKay, Andrew W., expert in fruit storage..... | 300. 00 |
| Pomeroy, Carl S., expert.....                  | 541. 67 |
| Powell, G. Harold, pomologist in charge.....   | 291. 66 |
| Taylor, William A., pomologist in charge.....  | 750. 00 |
| Tenny, Lloyd S., pomologist.....               | 357. 41 |
| White, Howard M., scientific assistant.....    | 246. 83 |
- 4, 349. 15
- (3) Fruit transportation and storage. Studying causes of decay of fruit in packing houses and in transit; best methods of picking and handling in the groves to prevent deterioration before reaching consumers; investigating methods of precooling and proper refrigeration in the storage houses and during transit..... 18, 492. 91
- Salaries, lump-fund roll:
- |                                                 |            |
|-------------------------------------------------|------------|
| Dennis, Samuel J., expert in refrigeration..... | 2, 000. 00 |
| Fernald, Justin F., mechanical assistant.....   | 1, 200. 00 |
| Galligan, Carl F., special agent.....           | 116. 67    |
| Galloway, Rankin, assistant.....                | 18. 00     |
| Gore, Herbert C., scientific assistant.....     | 900. 00    |
| Hightower, Clyde W., mechanical assistant.....  | 364. 00    |
| Hosford, George W., assistant pomologist.....   | 480. 00    |
| McKay, Andrew W., expert in fruit storage.....  | 900. 00    |
| Mann, Charles W., scientific assistant.....     | 342. 00    |
| Pomeroy, Carl S., expert.....                   | 722. 22    |
| Powell, G. Harold, pomologist.....              | 1, 166. 67 |
| Pratt, Burr B., scientific assistant.....       | 1, 200. 00 |
| Ramsay, H. J., expert.....                      | 1, 275. 00 |

## (3) Fruit transportation and storage—Continued.

## Salaries, lump-fund roll—Continued.

Stubenrauch, Arnold V., expert.....	\$2,458.34
Tenny, Lloyd S., pomologist.....	540.65
Watkins, Harry E., scientific assistant.....	79.33
White, Howard M., scientific assistant.....	660.00

\$32,915.79

## (4) Pecan investigations (a study of the relative merit and adaptability of pecan varieties to soils and climatic conditions of the South Atlantic and Gulf States; testing effects of cross-pollination on quantity and quality, and various other experiments in connection with the work).....

948.66

## Salaries, lump-fund roll:

Reed, Clarence A., special agent.....	1,091.67
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2,040.33

## (5) Cooperative breeding of hardy fruits for the Mississippi Valley, in cooperation with the Iowa State Experiment Station and State Horticultural Society.....

## Salaries, lump-fund roll:

Patten, Charles G., expert.....	600.00
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600.00

## (6) Fruit district investigations (a study of the adaptability of various orchard fruits to the soil, climatic and other conditions of the different fruit districts of the United States).....

1,034.99

## Salaries, lump-fund roll:

Cooksey, William R., carpenter.....	150.00
Fletcher, William F., scientific assistant.....	750.00
Gould, Harris P., pomologist in charge of fruit district investigations.....	1,250.00
Malcolm, Donald C., unskilled laborer.....	12.50
Patterson, Clifford O., unskilled laborer.....	100.00

## Salaries, statutory:

Ballard, Clara E., clerk.....	420.00
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3,717.49

## (7) Phenological and other studies of fruits, taking observations on the dates of blooming, leafing, ripening, etc., of different fruits to secure data on the relation of varieties to seasonal conditions, frosts, etc., in different sections; also conditions of growth in the semiarid regions, the national forests and other sections; and a study of farm canning and cider making.....

140.46

## Salaries, lump-fund roll:

Fletcher, William F., scientific assistant.....	450.00
Fulton, Sanford H., collaborator.....	12.00
Gould, Harris P., pomologist in charge of fruit district investigations.....	750.00
Miller, Gilbert P., collaborator.....	24.00

## Salaries, statutory:

Ballard, Clara E., clerk.....	420.00
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1,796.46

## (8) California grape investigations, including maintenance and operation of ten experimental vineyards in California where a study is being made of the congeniality of Vinefera varieties to various phylloxera-resistant stocks; also the adaptability of resistant stocks to soil types and conditions.....

2,537.53

## Salaries, lump-fund roll:

Buck, J. Etna, expert.....	696.67
Husmann, Frederick L., viticultural superintendent.....	1,000.00
Husmann, George C., pomologist in charge of viticultural investigations.....	562.50
Schmidt, Richard, special agent.....	200.00

## Salaries, statutory:

Hugins, Frank A., clerk.....	360.00
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5,356.70



(9) New Jersey grape investigations (general studies and experiments in grape culture with a view to reestablishing the grape industry in the Middle Atlantic States; also developing and improving the unfermented grape juice industry).....	\$822. 35	
Salaries, lump-fund roll:		
Dearing, Charles, scientific assistant.....	20. 00	
Husmann, George C., pomologist in charge.....	225. 00	
Salaries, statutory:		
Hugins, Frank A., clerk.....	150. 00	
		\$1, 217. 35
(10) Rotundifolia grape investigations (a study of the soils on which the different varieties thrive best, methods of culture, and of marketing the product with the special object of developing the rotundifolia grape culture in the South Atlantic and Gulf States).....	720. 86	
Salaries, lump-fund roll:		
Dearing, Charles, scientific assistant.....	400. 00	
Husmann, George C., pomologist in charge.....	225. 00	
Salaries, statutory:		
Hugins, Frank A., clerk.....	150. 00	
		1, 495. 86
(11) Miscellaneous grape investigations (studies of the adaptability of grape varieties to culture in different vineyard sections; methods of pruning, trellising, training and other details connected with grape cultivation and the uses of the fruit for different purposes; giving information, distributing cuttings, etc.).....	1, 571. 84	
Salaries, lump-fund roll:		
Buck, J. Etna, expert.....	260. 00	
Husmann, Frederick L., viticultural superintendent.....	500. 00	
Husmann, George C., pomologist in charge.....	1, 237. 50	
Schmidt, Richard, special agent.....	200. 00	
Salaries, statutory:		
Hugins, Frank A., clerk.....	540. 00	
		4, 309. 34
Total expenditures.....		67, 483. 14
Balance.....		2, 657. 86
		70, 141. 00

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, fruit trees, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for investigating the methods of growing, harvesting, packing, storing, handling, and shipping fruits and melons and for experimental shipments of fruits and melons within the United States and to foreign countries."

#### GREENHOUSES, GARDENS, AND GROUNDS.

[E. M. BYRNES, Assistant in Charge.]

Salaries:	
Statutory.....	\$21, 691. 16
Lump fund.....	6, 731. 41
Miscellaneous expenses and supplies.....	14, 186. 44
Traveling and field expenses.....	112. 15
Total appropriation.....	42, 721. 16

Expended as follows:

(1) General supervisory and office work.....	\$212. 63	
Salaries, lump-fund roll:		
Byrnes, Edward M., assistant in charge.....	1, 800. 00	
Thompson, A. M., unskilled laborer.....	52. 00	
Salaries, statutory:		
Prentiss, Augustin M., clerk.....	900. 00	
		\$2, 964. 63
(2) Care of department grounds.....	3, 992. 41	
Salaries, lump-fund roll:		
Adams, Richard, unskilled laborer.....	22. 50	
Bitter, Harry, greenhouse assistant.....	25. 00	
Bolden, Frank S., skilled laborer.....	213. 33	
Boston, Ernest, unskilled laborer.....	211. 75	
Buckner, Rice, unskilled laborer.....	22. 50	
Conway, Robert J., unskilled laborer.....	22. 50	
Countee, Thomas L., unskilled laborer.....	261. 00	
Green, William, unskilled laborer.....	45. 00	
Johnson, Arthur, unskilled laborer.....	22. 50	
Kerr, James K., sr., gardener.....	274. 99	
Lynn, Thomas N., unskilled laborer.....	40. 50	
Makel, John H., unskilled laborer.....	79. 50	
Matthews, George, unskilled laborer.....	22. 50	
Monroe, Clarence, unskilled laborer.....	22. 50	
Montgomery, John P., unskilled laborer.....	354. 00	
Riley, Joseph P., gardener's assistant.....	24. 17	
Riley, William, gardener's assistant.....	24. 17	
Robinson, Andrew, unskilled laborer.....	49. 50	
Robinson, Cornelius, unskilled laborer.....	422. 00	
Robinson, Ernest, unskilled laborer.....	19. 50	
Scott, John D., unskilled laborer.....	40. 50	
Smith, Edward, unskilled laborer.....	21. 00	
Stull, Edward, unskilled laborer.....	45. 00	
Swann, Sidney, unskilled laborer.....	440. 00	
Taylor, James, unskilled laborer.....	15. 00	
Thomas, George, unskilled laborer.....	15. 00	
Tracey, Lewis T., carpenter.....	91. 00	
Tyler, John F., unskilled laborer.....	15. 00	
Washington, Isaiah, unskilled laborer.....	22. 50	
Watson, Joseph, unskilled laborer.....	19. 50	
Williams, Emanuel, unskilled laborer.....	215. 50	
Salaries, statutory:		
Bryant, R. A., skilled laborer.....	720. 00	
Haase, Henry F., gardener.....	890. 00	
Hauser, Ernest, gardener.....	780. 00	
Olden, John W., gardener.....	780. 00	
Schultheis, William H., skilled laborer.....	720. 00	
Scholl, Alpheus, unskilled laborer.....	555. 00	
		11, 556. 82
(3) Repair and construction of greenhouses.....	6, 788. 13	
Salaries, lump-fund roll:		
Callahan, Thomas F., skilled laborer.....	420. 00	
Thompson, Harry, unskilled laborer.....	60. 00	
Tracey, Lewis T., carpenter.....	189. 00	
Walter, Olin A., unskilled laborer.....	60. 00	
Salaries, statutory:		
Orton, Warren S., sr., painter.....	840. 00	
Schubert, Charles J., plumber.....	840. 00	
Walter, Robert B., carpenter.....	900. 00	
		10, 097. 13
(4) Care and growing of tropical and miscellaneous plants under glass.....	2, 622. 03	
Salaries, lump-fund roll:		
Dawson, Charles W., unskilled laborer.....	30. 00	
McLennan, Robert, gardener.....	250. 00	
Parker, James T., unskilled laborer.....	440. 00	
Sweeny, Carl W., unskilled laborer.....	161. 00	

(4) Care and growing of tropical and miscellaneous plants  
under glass—Continued.

## Salaries, statutory:

Bullen, Harry, gardener.....	\$900. 00
Byrnes, J. Wise, gardener.....	900. 00
Dawson, John P., gardener.....	900. 00
Graner, Mike, gardener.....	818. 33
Haws, Henry, gardener.....	712. 00
Jones, Thomas B., jr., laborer.....	660. 00
Lee, Frank, skilled laborer.....	600. 00
Smith, Edward F., skilled laborer.....	507. 50
Trotter, Stance J., skilled laborer.....	600. 00

\$10, 100. 86

(5) Experimental work with greenhouse crops, forcing of  
vegetables, growing florists' crops and general hybridiza-  
tion work.....

350. 04

## Salaries, lump-fund roll:

Lee, Thomas, gardener.....	30. 00
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## Salaries, statutory:

Carberry, James L., gardener.....	73. 33
Kellar, Charles, gardener.....	940. 28
May, Eugene, jr., gardener.....	660. 00
Paget, Wilmer J., gardener.....	682. 50
Quinn, James, gardener.....	150. 00

2, 886. 15

(6) Greenhouse work in plant pathology and physiology, in-  
cluding work of various offices of the bureau in the  
greenhouses in the study of plant diseases, drug plant  
and tea culture experiments, seed testing, the study of  
tropical plants, etc. Greenhouse facilities and labor  
are provided for this work.....

145. 64

## Salaries, lump-fund roll:

Rowen, James D., jr., gardener.....	60. 00
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## Salaries, statutory:

Bissett, David, gardener.....	1, 000. 00
Cutshall, George W., skilled laborer.....	660. 00
Garrison, James W., gardener.....	195. 00
Kletsch, Ernest, gardener.....	600. 00

2, 660. 64

## (7) Propagation and distribution of plants.....

156. 18

## Salaries, lump-fund roll:

Gooch, Charles L., gardener.....	60. 00
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## Salaries, statutory:

Boyle, Henry H., gardener.....	780. 00
Gauges, Joseph A., gardener.....	597. 22
Jolliiff, Jesse O., gardener.....	830. 00

2, 423. 40

## Total expenditures.....

42, 689. 63

## Balance.....

31. 53

42, 721. 16

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, \* \* \* for the employment of all investigators, \* \* \* experts, clerks, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses."



## SOUTH TEXAS GARDEN, BROWNSVILLE, TEX.

[E. C. GREEN, Pomologist in Charge.]

Salaries, lump fund.....	\$4,020.00
Miscellaneous expenses and supplies.....	489.84
Traveling and field expenses.....	4,590.16
Total appropriation.....	<u>9,100.00</u>

## Expended as follows:

(1) Propagation and testing of foreign seeds and plants.....	\$2,748.46	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	420.00	
Gomme, William H. F., expert.....	450.00	
Green, Edward C., pomologist in charge.....	1,140.00	
	<u>4,564.38</u>	
(2) Viticultural investigations.....	554.68	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	105.00	
Gomme, William H. F., expert.....	112.50	
Green, Edward C., pomologist in charge.....	285.00	
	<u>1,057.18</u>	
(3) Citrus-fruit and banana investigations.....	222.50	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	35.00	
Gomme, William H. F., expert.....	37.50	
Green, Edward C., pomologist in charge.....	95.00	
	<u>390.00</u>	
(4) Date and Smyrna fig investigations.....	222.49	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	35.00	
Gomme, William H. F., expert.....	37.50	
Green, Edward C., pomologist in charge.....	95.00	
	<u>389.99</u>	
(5) Fiber-plant investigations.....	222.50	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	35.00	
Gomme, William H. F., expert.....	37.50	
Green, Edward C., pomologist in charge.....	95.00	
	<u>390.00</u>	
(6) Vegetable and seed growing.....	554.68	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	105.00	
Gomme, William H. F., expert.....	112.50	
Green, Edward C., pomologist in charge.....	285.00	
	<u>1,057.18</u>	
(7) Forage-crop investigations.....	554.69	
Salaries, lump-fund roll:		
Boss, Ralph M., clerk.....	105.00	
Gomme, William H. F., expert.....	112.50	
Green, Edward C., pomologist in charge.....	285.00	
	<u>1,057.19</u>	

Total expenditures..... 9,100.00

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, fruit trees, \* \* \* vegetables, \* \* \* forage, \* \* \* fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; \* \* \* for the employment of all investigators, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the maintenance of a testing garden on the Fort Brown Military Reservation at Brownsville, Texas."

## FLORIDA SUBTROPICAL GARDEN.

Salaries, lump fund.....	\$3, 071. 50
Miscellaneous expenses and supplies.....	839. 45
Traveling and field expenses.....	1, 189. 05
Total appropriation.....	<u>5, 100. 00</u>

Expended as follows:

Cooperative work on subtropical fruits in southern Florida (Miami).....	\$1, 942. 87
Salaries, lump-fund roll:	
Bessey, Ernst A., collaborator.....	30. 00
Hudson, Agnes T., clerk.....	291. 67
Marshall, Charles A., unskilled laborer.....	55. 50
Rofls, Peter H., collaborator.....	120. 00
Schultz, Henry F., agent.....	475. 00
Simmonds, Edward, gardener.....	840. 00
Ward, Lee, unskilled laborer.....	49. 33
Wester, Peter J., gardener.....	1, 210. 00
	<u>5, 014. 37</u>
Total expenditures.....	5, 014. 37
Balance.....	85. 63
	<u>5, 100. 00</u>

Authority (Digest of Appropriations, pp. 400-402): "For all necessary expenses in the investigation of fruits, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for the employment of all investigators, \* \* \* experts, clerks, \* \* \* assistants, and all labor and other necessary expenses \* \* \* required for the maintenance of a subtropical testing garden in southern Florida."

## SPECIAL SEEDS AND PLANTS.

[DAVID G. FAIRCHILD, Agricultural Explorer in Charge.]

Salaries:	
Statutory.....	\$720. 00
Lump fund.....	8, 846. 82
Miscellaneous expenses and supplies.....	1, 797. 77
Traveling and field expenses.....	905. 41
Total appropriation.....	<u>12, 270. 00</u>

Expended as follows:

(1) Inventory and record of new plant introductions and distributions, the identification and the publication of descriptions of new plants, and records of all seeds and plants distributed among experimenters.....	\$75. 26
Salaries, lump-fund roll:	
Austin, Mary A., laboratory aid.....	1, 000. 00
Bergner, Sophie J., aid in seed testing.....	892. 68
Goss, Audrey, scientific assistant.....	985. 81
Rose, Joseph S., student assistant.....	28. 33
Skeels, Homer C., scientific assistant.....	1, 500. 00
Wight, Wm. F., botanist.....	990. 00
Salaries, statutory:	
Milot, Eugene, clerk.....	720. 00
	<u>6, 192. 08</u>
(2) Mississippi Valley plant introduction garden, Ames, Iowa.....	1, 336. 32
Salaries, lump-fund roll:	
Warren, Marie J., clerk.....	120. 00
	<u>1, 456. 32</u>

(3) Plant-introduction garden, Chico, Cal.....	\$500. 69	
Salaries, lump-fund roll:		
Howell, Herbert H., clerk.....	290. 00	
		\$790. 69
(4) Special barley investigations.....	311. 26	
Salaries, lump-fund roll:		
Harlan, Harry V., scientific assistant.....	1, 440. 00	
Mann, Albert, expert.....	1, 600. 00	
		3, 351. 26
(5) Matting-plant investigations.....	55. 31	
		55. 31
Total expenditures.....		11, 845. 66
Balance.....		424. 34
		12, 270. 00

Authority (Digest of Appropriations, pp. 400-401): "For all necessary expenses in the investigation of fruits, fruit trees, grain \* \* \* vegetables, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers; for rent and repairs in the District of Columbia and elsewhere; and for the employment of all investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required to collect, purchase, propagate, test, and experiment with seeds of interest to agriculture, including rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants."

Appropriation: Purchase and distribution of valuable seeds, 1910.

#### FOREIGN SEED AND PLANT INTRODUCTION.

[DAVID G. FAIRCHILD, Agricultural Explorer in Charge.]

##### Salaries:

Statutory.....	\$4, 030. 50
Lump fund.....	17, 360. 89
Miscellaneous expenses and supplies.....	8, 009. 24
Traveling and field expenses.....	20, 269. 87
Total appropriation.....	49, 670. 50

##### Expended as follows:

(1) Foreign explorations.....	\$7, 556. 81
Salaries, lump-fund roll:	
Aaronsohn, Aaron, collaborator.....	20
Anderson, Matthew N., clerk.....	850. 00
Barrett, Otis W., collaborator.....	1. 00
Benson, W. D., special agent.....	60. 00
Bryan, Ethel V., clerk.....	50. 00
Cramer, Grace M., clerk.....	60. 00
Fischer, Walter, scientific assistant.....	466. 66
Hiatt, Mabel B., clerk.....	217. 50
Hubard, Anna M., clerk.....	287. 67
Lyon, Wm. S., collaborator.....	13
Noel, May C., clerk.....	360. 00
Parker, Edward Cary, collaborator.....	1. 00
Richardson, Wm. G., collaborator.....	41
Tomhave, W. H., collaborator.....	1. 00
Young, Robert A., scientific assistant.....	1, 200. 00
Salaries, statutory:	
Atkinson, Edwin D., clerk.....	900. 00
Bryan, Ethel V., clerk.....	240. 00
Cramer, Grace M., clerk.....	1, 200. 00
Roberts, Harry, clerk.....	240. 00
Stritzinger, Frank J., clerk.....	70. 00
	13, 762. 38



(2) Propagation and distribution of foreign plant introductions.	\$7, 932. 07	
Salaries, lump-fund roll:		
Bissett, Peter, expert.....	1, 125. 00	
Chapin, Luther J., unskilled laborer.....	152. 00	
Dorsett, Palemon, expert.....	2, 750. 00	
Evans, Morgan W., scientific assistant.....	765. 00	
Fairchild, David G., agricultural explorer in charge.....	2, 520. 82	
Goucher, Edward, expert.....	1, 091. 67	
Lee, Thomas, gardener.....	690. 00	
McKee, Roland, scientific assistant.....	500. 00	
Oliver, George W., expert.....	833. 33	
Salaries, statutory:		
Clyne, James V., clerk.....	648. 00	
Evans, William D., gardener.....	732. 50	
		\$19, 740. 39
(3) Plant-introduction garden, Chico, Cal.....	8, 531. 52	
Salaries, lump-fund roll:		
Tracy, W. W., jr., assistant botanist.....	150. 00	
Van Fleet, Walter, expert.....	1, 730. 00	
		10, 411. 52
(4) Mississippi Valley plant introduction garden, Ames, Iowa..	89. 46	
Salaries, lump-fund roll:		
Allison, John H., jr., expert.....	800. 00	
Beach, S. A., collaborator.....	12. 00	
		901. 46
(5) Bamboo investigations.....	1, 787. 93	
Salaries, lump-fund roll:		
Rothgeb, B. E., unskilled laborer.....	200. 00	
		1, 987. 93
(6) Chinese wood-oil investigations.....		64. 83
(7) Inspection and quarantine facilities of plant introduction work.....	1, 751. 37	
Salaries, lump-fund roll:		
Tracy, Lewis T., carpenter.....	185. 50	
		1, 936. 87
(8) Yautia, Taro, and Dasheen introduction.....	187. 05	
Salaries, lump-fund roll:		
Nehrling, Henry, collaborator.....	300. 00	
		487. 05
Total expenditures.....		49, 292. 43
Balance.....		378. 07
		49, 670. 50

Authority (Digest of Appropriations, p. 403): “\* \* \* That forty-five thousand six hundred and forty dollars of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country, and same shall not be distributed generally, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations.”

#### FORAGE CROP INVESTIGATIONS.

[C. V. PIPER, Agrostologist in Charge.]

Salaries:	
Statutory.....	\$3, 150. 00
Lump fund.....	5, 342. 32
Miscellaneous expenses and supplies.....	1, 541. 17
Traveling and field expenses.....	3, 116. 51
Total appropriation.....	13, 150. 00

## Expended as follows:

(1) General supervisory and office work.....	\$352.28	
Salaries, lump-fund roll:		
Jones, Mary R., student assistant.....	62.50	
Piper, Charles V., agrostologist in charge.....	2,520.83	
Salaries, statutory:		
Connor, Bernard, clerk.....	1,050.00	
Lucas, Wm. R., gardener.....	660.00	
		\$4,645.61
(2) Alfalfa extension.....	658.89	
Salaries, lump-fund roll:		
Ferguson, Helen, clerk.....	300.00	
Garver, Samuel, collaborator.....	1.50	
Schmitz, Nickolas, collaborator.....	.16	
Westgate, John M., assistant agrostologist.....	1,800.00	
Salaries, statutory:		
Edelen, Eoline K., skilled laborer.....	600.00	
		3,360.55
(3) Grass extension.....	1,751.63	
Salaries, lump-fund roll:		
Carrier, Lyman, collaborator.....	12.00	
Goddard, L. H., collaborator.....	12.00	
Keffer, Jackson, unskilled laborer.....	50.00	
Vinall, Harry N., scientific assistant.....	583.33	
Salaries, statutory:		
Weaver, Elizabeth I., clerk.....	840.00	
		3,248.96
(4) Testing work.....		1,344.15
(5) Miscellaneous forage-crop investigations.....		172.06
Total expenditures.....	12,771.33	
Balance.....	378.67	
		13,150.00

Authority (Digest of Appropriations, p. 403): "\* \* \* That ten thousand dollars of which sum, or so much thereof as the Secretary of Agriculture may direct, shall be used in the propagation, testing, distribution, and extension of forage crops throughout the United States."

## SEED DISTRIBUTION.

[LEON M. ESTABROOK, Assistant in Charge.]

Salaries:	
Statutory.....	\$22,986.10
Lump fund.....	29,120.96
Miscellaneous expenses and supplies.....	226,570.04
Traveling and field expenses.....	6,629.00
Total appropriation.....	285,306.10

## Expended as follows:

(1) Administrative and miscellaneous expenses. Salaries and miscellaneous expenses of the office force connected with the supervision of the congressional seed distribution...	\$2,601.26
Salaries, lump-fund roll:	
Brown, Martha A., unskilled laborer.....	420.00
Bryan, Ethel V., clerk.....	241.67
Byrnes, Lula G., unskilled laborer.....	63.33
Clagett, Joseph H., carpenter.....	542.50
Crandall, Ernest L., photographer.....	828.00
Estabrook, Leon M., assistant in charge.....	2,250.00
Faunce, Harriet V., unskilled laborer.....	540.00
Gartrell, Etta, student assistant.....	153.00
Harris, Edwin, photographer.....	59.00
Hegan, Robert, unskilled laborer.....	60.00
Hettinger, Lena, counter.....	464.00

## (1) Administrative and miscellaneous expenses—Continued.

## Salaries, lump-fund roll—Continued.

Hutchinson, Carrie, laboratory aid.....	\$134. 00
Jones, Louis R., unskilled laborer.....	108. 00
Langdale, Helen R., unskilled laborer.....	56. 67
Mitchell, Annie, unskilled laborer.....	15. 00
Parker, B. H., unskilled laborer.....	43. 00
Rustine, Lucy C., charwoman.....	420. 00
Sipe, Susan B., collaborator.....	12. 00
Stewart, Charles M., unskilled laborer.....	86. 00
Taylor, Robert L., unskilled laborer.....	46. 50
Thomas, James H., unskilled laborer.....	497. 00
Whittleton, Robert J., superintendent.....	2, 000. 00

## Salaries, statutory:

Barber, Ellis E., clerk.....	600. 00
Buckley, Margaret, skilled laborer.....	840. 00
Chandler, Harold F., clerk.....	805. 00
Colne, Harriet, clerk.....	840. 00
Dewdney, Marie V., clerk.....	895. 00
Ecton, Thomas G., gardener.....	840. 00
Estler, Harry S., clerk.....	1, 200. 00
Frost, Fred C., messenger.....	490. 00
Haines, Hazel, clerk.....	523. 33
Hurdle, Ivy Virginia, clerk.....	777. 77
Jones, Oliver F., executive assistant.....	1, 980. 00
McDowell, Harry P., clerk.....	860. 00
MacMorris, Laura, clerk.....	1, 200. 00
Mehlfelt, Archie W., messenger.....	465. 00
Muhleman, Bessie M., clerk.....	720. 00
Reed, Charles W., clerk.....	1, 400. 00
Wight, John C., clerk.....	1, 600. 00

\$27, 677. 03

## (2) Vegetable and flower seed distribution. Purchase, transportation, handling, packing, assembling, and mailing of vegetable and flower seeds for distribution.....

202, 317. 30

## Salaries, lump-fund roll:

Briggs, Flora E., clerk.....	38. 00
Davis, Ira, unskilled laborer.....	540. 00
Foley, John F., assistant superintendent.....	102. 50
Galleher, Upton H., unskilled laborer.....	400. 00
Holland, Richard B., inspector.....	1, 000. 00
Hume, Edward, unskilled laborer.....	90. 00
Makel, John H., unskilled laborer.....	384. 00
Marcey, Calvin, unskilled laborer.....	25. 00
Mayer, August, expert.....	787. 50
Milstead, Edwin H., unskilled laborer.....	720. 00
Parsons, Miriam, clerk.....	360. 00
Ramsdell, Katherine P., unskilled laborer.....	597. 50
Shear, Wm. V., scientific assistant.....	700. 00
Shoemaker, Daniel N., expert.....	166. 67
Simmel, Vincent A., unskilled laborer.....	39. 00
Smith, Aaron, teamster.....	660. 00
Sousa, Antony A., clerk.....	660. 17
Tracy, John E. W., assistant superintendent.....	2, 250. 00
Tracy, Will W., sr., superintendent.....	3, 000. 00
Tull, John H., expert.....	286. 11

## Salaries, statutory:

Ashmore, Claudius D., clerk.....	1, 153. 33
Burke, Edmund, clerk.....	642. 50
Creswell, Charles F., clerk.....	933. 34
Murphy, Robert O. D., messenger.....	55. 00
Weisbrod, Harry N., messenger.....	244. 17

218, 152. 09

## (3) Cotton-seed distribution. Cost of growing, transportation, packing, and mailing of selected varieties of cotton seed.....

4, 135. 23

## (4) Tobacco-seed distribution. Purchase, packing, and mailing of selected varieties of tobacco seed.....

366. 87



(5) Lawn grass seed distribution. The purchase, transportation, handling, packing, and mailing of standard mixtures of grass seed for lawns.....		\$936. 26
(6) Sugar-beet seed growing and distribution. Testing of standard varieties of foreign-grown sugar-beet seed in different localities; and the testing of sugar-beet seed grown in this country with a view to establishing the industry on a commercial basis.....	\$1, 837. 98	
Salaries, lump-fund roll:		
Kremers, William, special agent.....	240. 00	
Reed, Joseph F., assistant.....	1, 200. 00	
		3, 277. 98
(7) Grapevine and strawberry plants. Purchase of grapevines and strawberry plants and the transportation, handling, and distribution of same.....		992. 22
(8) Bulb distribution. Purchase of standard varieties of Dutch bulbs, and their transportation, handling, packing, and distributing.....		2, 844. 96
(9) Miscellaneous seed and plant distribution. The purchase, propagation, testing, handling, packing, and distributing of promising varieties of miscellaneous seeds and plants other than those included in the regular distribution, including hybrid citrus trees.....	\$9, 718. 36	
Salaries, lump-fund roll:		
Bort, Katherine S., laboratory aid.....	656. 67	
Reid, Lynn C., unskilled laborer.....	120. 00	
Richardson, Albert M., laborer.....	8. 00	
		10, 503. 03
(10) Shipping and packing seed and plants. Labor, packing materials, and expenses connected with the packing and shipping of all seeds and plants for distribution other than vegetable and flower seed.....	1, 797. 46	
Salaries, lump-fund roll:		
Gilbert, Mary M., skilled laborer.....	613. 50	
Hall, Fred C., unskilled laborer.....	720. 00	
Hume, Edward, unskilled laborer.....	202. 50	
Knight, Edward Q., assistant superintendent.....	1, 400. 00	
Weir, Raymond J., clerk.....	150. 00	
Salaries, statutory:		
Frazier, Charles T., skilled laborer.....	702. 00	
Hammersley, James J., skilled laborer.....	463. 33	
Smith, Mary J., skilled laborer.....	720. 00	
Thompson, Elmer, messenger.....	480. 00	
		7, 248. 79
(11) Seed cleaning. Elimination of impurities found in seeds purchased for distribution and the investigation of seed-cleaning machinery and methods.....	362. 83	
Salaries, lump-fund roll:		
Carberry, James L., unskilled laborer.....	56. 67	
Fainter, Martha B., unskilled laborer.....	45. 00	
Neal, Clarence A., assistant superintendent.....	62. 50	
Oakley, Russell A., assistant agrostologist.....	1, 800. 00	
Salaries, statutory:		
Cookman, George E., skilled laborer.....	656. 33	
		2, 983. 33
(12) Bulb propagating garden, Bellingham, Washington. The testing and propagation of Dutch bulbs for Congressional distribution, and for the establishment of a bulb-growing industry in the Puget Sound region.....	4, 264. 60	
Salaries, statutory:		
Klopper, Henry, gardener.....	900. 00	
		5, 164. 60
Total expenditures.....	284, 282. 39	
Balance.....	1, 023. 71	
		285, 306. 10

Authority (Digest of Appropriations, p. 402): "For the purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants;

all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, and electric current, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for rent and repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \* \* \*."

## PAPER TESTS, 1910.

(N. A. COBB, Technologist in Charge.)

Total allotment to the Bureau of Plant Industry ..... \$5,000.00

Expended as follows:

Testing wild and cultivated plants to determine their value for paper making:

Salaries, lump-fund roll—

Cobb, Nathan A., technologist in charge.....	\$250.00
Edmundson, Lewis W., collaborator.....	29.25
Fields, Ovid, collaborator.....	15.56
Hancock, James T., collaborator.....	11.25
Hook, W. A., collaborator.....	10.00
Matheny, John E., collaborator.....	5.25
Murphy, Isaiah C., collaborator.....	10.94
O'Hair, Harvey Z., collaborator.....	24.50
Staves, Marion C., clerk.....	82.50
	<hr/> 439.25

Total expenditures.....	439.25
Balance turned over to the Forest Service.....	4,560.75
	<hr/> 5,000.00

Authority (Digest of Appropriations, pp. 411-412): "To enable the Secretary of Agriculture to test such plants and woods as may require tests to ascertain if they be suitable for making paper, ten thousand dollars, or so much thereof as may be necessary, including rent and the employment of labor in the city of Washington and elsewhere, and all other necessary expenses."

## FOREST SERVICE.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Forest Service, 1910, \$60,200."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pinchot, Gifford.....	Forester, at \$5,000.....	\$2,597.22	\$226.35
Graves, H. S.....		2,083.34	560.96
Bentley, George A.....	Clerk, at \$1,500.....	1,500.00	22.70
Stahlnecker, Percy S.....		36.67	.....
Stockbridge, Helen E.....	Clerk, at \$1,320.....	495.00	.....
Strause, Florence D.....		660.00	.....
Rector, L. Belle.....	Clerk, at \$1,260.....	472.50	.....
Stockbridge, Helen E.....		787.50	.....
Simonson, Edith.....	do.....	577.50	.....
Stahlnecker, Percy S.....		654.50	547.45
Echtermann, Martha M.....	Clerk, at \$1,200.....	450.00	.....
Rector, L. Belle.....		750.00	.....
Ely, Miles W.....	do.....	550.00	70.00
Gray, Percy S.....		600.00	205.45
Love, Clara F.....	do.....	550.00	.....
Moorman, Florence M.....		600.00	70.62
Simonson, Edith.....	do.....	650.00	.....
Butler, Wm. M.....		550.00	.....
Conway, L. T.....	Clerk, at \$1,080.....	90.00	.....
Gill, Sue M.....		990.00	.....
Blackley, Belle B.....	do.....	495.00	.....
Ely, Miles W.....		585.00	.....
Echtermann, Martha M.....	do.....	675.00	.....
McFadden, Stella R.....		405.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Forest Service, 1910, \$60,200"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Love, Clara F.....	Clerk, at \$1,080 .....	\$585.00	
Rhode, Rosemary.....	.....do.....	495.00	
Meynes, Alice M.....	.....do.....	1,080.00	
Blackley, Belle B.....	Clerk, at \$1,020.....	552.50	
Van Rencke, Lillian.....	.....do.....	467.50	
Bunch, John E.....	.....do.....	1,020.00	
Curtis, Maury.....	.....do.....	1,020.00	
Gannett, Mary C.....	.....do.....	867.00	
Miller, Mary T.....	.....do.....	127.50	
Gerhart, Herbert B.....	.....do.....	1,020.00	
Howes, John W.....	.....do.....	1,020.00	
McFadden, Stella R.....	.....do.....	637.50	
Mosher, Edith R.....	.....do.....	252.17	
Woodman, U. M.....	.....do.....	127.50	
Rule, Mattie F.....	.....do.....	1,020.00	
Barton, Mabel A.....	Clerk, at \$960.....	960.00	
Butler, Wm. M.....	.....do.....	480.00	
McLaurin, S. L.....	.....do.....	440.00	
Davidson, Augusta B.....	.....do.....	440.00	
Judson, Blanche A.....	.....do.....	480.00	
Eisenstein, Jennie C.....	.....do.....	98.67	
Ramsaur, Sue W.....	.....do.....	861.33	
Emerson, Nellie E.....	.....do.....	640.00	
Hawkins, C. J.....	.....do.....	320.00	
Flanagan, Susanna.....	.....do.....	960.00	
Gartrell, Laura R.....	.....do.....	960.00	
Owen, Nina.....	.....do.....	480.00	\$33.95
Gonter, Clara H.....	.....do.....	440.00	
Shelton, Rosalie McK.....	.....do.....	360.00	
Woodman, U. M.....	.....do.....	600.00	
Wharton, Georgia E.....	.....do.....	960.00	83.75
Carpenter, Helen F.....	.....do.....	92.50	
Eisenstein, Jennie C.....	Clerk, at \$900.....	507.50	
Emerson, Nellie E.....	.....do.....	300.00	
Davidson, Augusta B.....	.....do.....	457.50	
Randal, Goldie M.....	.....do.....	412.50	
Gage, Kathleen R.....	.....do.....	900.00	
Gardner, Beryl G.....	.....do.....	900.00	
Gonter, Clara H.....	.....do.....	457.50	
Hoffman, Ethel T.....	.....do.....	412.50	
Goldsmith, G. N.....	.....do.....	412.50	
McLaurin, S. L.....	.....do.....	337.50	
Irving, Esther G.....	.....do.....	562.50	
Shelton, Rosalie McK.....	.....do.....	900.00	
Jackson, Leona.....	.....do.....	900.00	
Leech, Elizabeth B.....	.....do.....	900.00	
Pegram, Anna H.....	.....do.....	105.00	
Stein, Hattie.....	.....do.....	775.00	
Pence, Zula F.....	.....do.....	900.00	
Pryor, Anne A.....	.....do.....	900.00	
Robinson, Laura J.....	.....do.....	900.00	
Ruth, Clara.....	.....do.....	900.00	
Simonson, Marie.....	.....do.....	900.00	
Warren, Kate D.....	.....do.....	900.00	33.55
Zinnmeister, Grace M.....	.....do.....	900.00	29.80
Fowler, Geo. V.....	Watchman, at \$840.....	840.00	
Sullivan, Joseph F.....	.....do.....	840.00	
Walter, W. L.....	.....do.....	840.00	
Downey, Michael J.....	Messenger, at \$660.....	660.00	
McCreight, Arthur M.....	.....do.....	660.00	
Munchmeyer, Fred.....	.....do.....	660.00	
Spellbring, John A.....	.....do.....	660.00	
Caesar, Harold C.....	Messenger, at \$360.....	360.00	
Fox, George H.....	.....do.....	330.00	
Brashears, Paul H.....	.....do.....	30.00	
Kuehling, Roy.....	.....do.....	272.00	
McKeever, Jesse A.....	.....do.....	88.00	
Woertendyke, Clifford M.....	.....do.....	360.00	

Total amount of appropriation..... \$60,200.00  
 Total amount paid for salaries to Aug. 31, 1910..... 59,455.90

Unexpended balance Aug. 31, 1910..... 744.10



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Price, Overton W.	Associate forester, at \$3,500.	\$1,818.06	\$64.95
Potter, Albert F.	Assistant forester, at \$3,000, and associate forester, at \$3,500.	3,233.34	1,277.61
Adams, James B.	Assistant forester, at \$3,200.	3,200.00	1,215.34
Hall, William L.	Assistant forester, at \$3,000.	1,500.00	816.05
Cox, William T.	Assistant forester, at \$2,800.	2,800.00	1,092.99
Sudworth, Geo. B.	Assistant forester, at \$2,700.	2,700.00	751.75
Carter, Edward E.	Assistant forester, at \$2,500.	2,500.00	876.05
Chapman, C. S.	do.	937.50	255.11
Kellogg, R. S.	Assistant forester, at \$2,300 (\$8 per day).	1,725.00	713.26
Kneipp, Leon F.	Assistant forester at \$2,200 and \$2,500.	2,325.00	469.65
Leavitt, Clyde.	Assistant forester, at \$2,200.	733.34	89.40
Cline, McGarvey.	Assistant forester, at \$2,000.	833.33	153.94
Smith, Herbert A.	Expert and editor, at \$3,000.	3,000.00	335.22
Wells, Philip P.	Law officer, at \$3,000.	1,750.00	398.15
Williams, jr., R. W.	Law officer, at \$2,500.	1,034.73	
Bruce, Eugene S.	Expert lumberman, at \$3,000.	3,000.00	898.00
Benedict, R. E.	General inspector, at \$2,400.	600.00	447.41
Barnes, Will C.	Inspector of grazing, at \$2,200 and \$2,400.	2,283.33	1,626.80
Fuller, Walter.	Inspector of grazing, at \$360.	177.00	
Griffith, Edward M.	Inspector, at \$1,000.	1,000.00	94.48
Plummer, F. G.	Geographer, at \$2,500.	2,500.00	823.45
Fagan, Mathias R.	Chief of accounts and fiscal agent, at \$2,500.	1,041.67	300.65
Cramer, H. B.	Fiscal agent, Chief Office of Records, at \$2,400.	1,800.00	645.49
King, George E.	Fiscal agent, at \$2,200.	2,200.00	
Melzar, E. A.	District fiscal agent, at \$2,000.	2,000.00	1,322.65
Fuchs, W. R.	District fiscal agent, at \$1,740.	870.00	
Chittenden, A. K.	Forest examiner, at \$2,400.	266.67	149.94
Pierce, Chas. R.	Chief, Lands, at \$2,000 and \$2,300.	949.17	
Zon, Raphael.	Chief, Silvics, at \$2,200.	2,200.00	569.24
Patterson, A. B.	Chief, Federal Cooperation, at \$1,800.	790.00	353.25
Ziegler, E. A.	Chief of Compilation, at \$1,800.	375.00	88.50
Swan, Orrington T.	Chief, Office of Products, at \$1,500.	250.00	77.60
Weiss, Howard F.	Chief of Wood Preservation, at \$1,700.	708.33	203.20
Nelson, John M., jr.	Assistant Chief of Wood Preservation, at \$1,700.	425.00	222.84
Thelen, Rolf.	Chief, Office of Lumber Tests, at \$1,600.	666.66	41.08
Frothingham, Earl H.	Chief, Compilation, at \$1,400.	1,400.00	371.91
Ballard, C. M.	Chief, Distribution, at \$1,400.	859.45	
Kempfer, Wm. H.	Chief, Maintenance, forest products laboratory, at \$1,400.	583.33	53.97
Pullman, R. W.	Expert, at \$2,400.	1,366.67	303.10
Dyar, W. W.	Expert, at \$2,000.	2,000.00	565.10
Maxwell, Hu.	do.	1,000.00	88.91
Cleveland, jr., T.	Expert, at \$1,800.	1,650.00	
Hatt, W. K.	do.	1,750.00	105.45
Meekham, H. S.	do.	1,800.00	
Adams, Bristow.	Expert, at \$1,600 and \$1,700.	1,650.00	285.44
Smith, Everett W.	Expert, at \$1,500.	1,500.00	
Towers, H. C.	do.	454.17	
Bateman, Ernest.	Expert, at \$1,400.	583.33	
Horgan, James B.	do.	816.67	
Jackson, Edwin R.	do.	637.78	
Gipe, James C.	Expert, at \$4 per day.	32.00	
Clements, E. Frederick.	Expert, at \$100 per month.	216.67	228.66
Clifford, W. N.	Expert, at \$1,200 and \$3,000.	1,500.00	991.23
Greene, Edward L.	Consulting expert, at \$1,200.	600.00	
Hawley, L. F.	Expert, at \$1,200.	500.00	199.35
Simmons, Roger E.	do.	300.00	306.61
Smith, Franklin H.	Expert, at \$1,200 and \$1,500.	500.00	134.84
Brush, Warren D.	Expert, at \$1,000.	800.00	100.83
Bryant, George.	do.	694.45	
Lamb, George N.	Expert, at \$900.	375.00	179.39
Burns, Findley.	Forest assistant and Chief of Publications, at \$1,800.	1,800.00	298.50
Mell, C. D.	Forest assistant, at \$1,600.	1,400.01	
Ashe, W. W.	Forest assistant, at \$1,500.	1,500.00	104.90
Dunlap, Fred.	Forest assistant, at \$1,500 and \$1,700.	579.17	111.26
Von Bayer, Wm. L.	Forest assistant, at \$1,500.	1,216.67	229.10

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Sackett, Homer S.	Forest assistant, at \$1,400.	\$583.33	\$252.72
Siecke, E. O.	do.	649.44	264.55
Sterrett, William D.	do.	283.90	144.03
Dana, Samuel T.	Forest assistant, at \$1,300 and \$1,600.	1,450.00	510.65
Howarth, jr., James A.	Forest assistant, at \$1,300.	595.83	135.25
Barrows, W. B.	Forest assistant, at \$1,200.	700.00	254.85
Foster, J. Harold.	Forest assistant, at \$1,200 and \$1,400.	1,223.33	33.68
Murphy, Louis S.	Forest examiner, at \$1,200.	420.00	89.45
Pierston, Albert H.	Forest assistant, at \$1,200.	900.00	248.71
Briscoe, John M.	Forest assistant, at \$1,000.	819.44	517.19
Clark, Ernest D.	Forest assistant, at \$1,000.	641.70	106.87
Grubb, N. H.	do.	833.33	66.05
Hall, R. Clifford.	do.	816.66	465.37
Heller, Charles J.	do.	205.55	23.80
Moon, Frederick F.	do.	41.67	
Moore, Walter M.	do.	1,000.00	211.06
Morris, Wm. W.	do.	202.78	143.00
Tillotson, C. R.	do.	788.89	206.64
Willey, Wilford B.	do.	547.22	464.80
Williamson, Addison W.	do.	927.78	598.32
Scott, Charles A.	Forest assistant, at \$5 per day.	190.00	
Winknerwerder, Hugo.	Forest assistant, at \$4 per day.	16.00	
Lull, Gerard B.	Forest assistant, at \$300, and \$4 per day.	50.00	
Peters, J. G.	Forest examiner, at \$1,700.	1,700.00	506.35
Bruce, Grant.	Forest agent, at \$1,200.	1,260.00	
Bond, Francis M.	Forest agent, at \$1,000.	416.66	43.53
Backus, Gordon T.	Forest agent, at \$900.	862.50	277.98
Ingall, O. D.	do.	680.00	434.23
Jensen, M. C.	Forest agent, at \$800.	333.33	30.65
Shaw, A. C.	Assistant law officer, at \$2,700.	1,402.50	768.78
Cronin, P. D.	Assistant law officer, at \$1,800.	745.00	
Parker, James I.	Law examiner, at \$2,750.	2,750.00	
Arnold, G. S.	Law examiner, at \$2,000.	188.88	
Shearman, Thos. G.	Law examiner, at \$1,800 and \$2,000.	1,882.78	321.00
Mangan, W. J.	Law examiner, at \$1,500.	1,500.00	
Harvey, F. L.	Law examiner, at \$1,800.	1,800.00	131.45
Sampson, Arthur W.	Plant ecologist, at \$1,400 and \$1,700.	1,512.49	519.10
Dayton, W. A.	Plant ecologist, at \$1,200.	50.00	105.04
Fleming, Chas. E.	do.	73.33	99.40
Eggleston, Millard W.	Assistant botanist, at \$1,500.	208.33	95.65
Beckwith, Angie M.	Expert xylot, at \$900.	450.00	
Shull, J. Marion.	Expert dendrology artist, at \$1,400.	116.66	
Tiemann, Harry D.	Engineer in timber tests, at \$1,700.	708.33	107.51
Newlin, John A.	Engineer in timber tests, at \$1,400.	583.33	102.12
McKenzie, Herman E.	Engineer in timber tests, at \$1,000 and \$1,200.	416.66	45.15
Barry, Cornelius.	Timber testing assistant, at \$800.	259.99	41.42
Bixby, J. O.	do.	333.33	59.10
Blaine, Frank.	Laboratory aid engineer, at \$730.	304.16	19.35
Betts, Harold S.	Assistant engineer in forest products laboratory, at \$1,800.	900.00	252.45
Barnum, C. T.	Engineer in wood preservation, at \$1,000.	416.66	311.24
Ford, Edward H.	do.	416.66	26.56
Hicks, Percy R.	do.	333.33	464.54
Peters, E. W.	do.	416.66	164.16
Winslow, Carlile P.	do.	416.66	188.36
Lichtenthauer, F. E.	Laboratory assistant in wood chemistry, at \$1,000.	166.66	11.70
Merrill, Jason L.	Laboratory assistant, at \$1,000.	291.67	
Speh, C. F.	Laboratory assistant, at \$900.	150.00	
Weyls, Harry.	Laboratory assistant, timber testing, at \$700.	291.66	
Lyons, Thomas.	Laboratory assistant, at \$600.	176.66	
Lamm, Leslie.	do.	145.00	8.10
Green, R. H.	Laboratory aid engineer, at \$730.	119.63	
Braniff, Edward A.	Forest supervisor, at \$2,250.	475.00	187.02
Jardine, James T.	Deputy forest supervisor, at \$2,000.	2,000.00	1,027.43
Kennedy, Patrick.	Lumberman, at \$1,800.	480.00	153.48
Burns, Mack L.	Lumberman, at \$1,700.	354.16	82.94
Edmonston, Wm. D.	Forest ranger, at \$1,200.	1,104.00	805.70
Bronson, D. D.	Collaborator, at \$2,000.	1,561.11	994.67
Fairchild, Fred R.	Collaborator, at \$7 per day.	273.50	192.05
Pettis, C. R.	Collaborator, at \$4 per day.	56.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Besley, Fred W.	Collaborator, at \$300	\$95.00	\$15.74
Bessey, Chas. E.	do	300.00	
Hosmer, Ralph	do	50.00	
Jepson, Willis L.	do	300.00	
Smith, Geo. K.	do	225.00	
Strough, Arthur B.	do	200.00	
Toumey, James W.	do	225.00	
Pearce, George J.	Collaborator, at \$12.	10.37	69.39
Lees, Fred	Law clerk, at \$1,800.	1,800.00	
Quiggle, E. B.	Law clerk, at \$1,500.	250.00	
Huff, Nellie.	Law clerk, at \$1,000.	250.00	
Herr, Leonard C.	Compiler, at \$1,600	1,600.00	
Ellis, Don Carlos.	Clerk examiner, at \$1,200 and \$1,400.	1,300.00	498.61
Brown, Willis G.	Reader, at \$1,400	561.88	
McVean, M. J.	Clerk, at \$2,100.	1,750.00	630.16
Anderson, G. G.	Clerk, at \$2,000.	2,000.00	
Hill, Harry L.	do	2,000.00	
Satterlee, J. B.	Clerk, at \$1,800.	1,800.00	
Tibbott, O. H.	do	1,800.00	
Shircliff, W. H.	Clerk, at \$1,700.	1,700.00	
Peyton, J. S.	Clerk, at \$1,600.	1,600.00	
Squire, Charles H.	do	1,600.00	184.85
Strong, L. M.	do	1,600.00	
Dutrow, B. H.	Clerk, at \$1,500.	1,500.00	
Belt, David G.	Clerk, at \$1,400.	291.66	32.04
Chewning, Alex. C.	do	350.00	
Irion, Harry	do	1,298.89	83.12
Williams, G. H.	do	1,400.00	
Kerrick, J. H.	Clerk, at \$1,320.	1,320.00	
Frost, Edna M.	Clerk, at \$1,260.	1,260.00	
Stoddart, C. M.	do	1,260.00	
Adams, Bertha E.	Clerk, at \$1,200.	1,200.00	
Butler, Wm. H.	do	147.00	
Helphenstine, jr., R. K.	do	50.00	
Young, Effie M.	do	400.00	
Enoch, H. H.	do	1,200.00	
Conway, L. T.	Clerk, at \$1,100.	1,100.00	
Gill, S. M.	Clerk, at \$1,080.	900.00	
Stabler, E. B.	do	90.00	
Judson, Blanche A.	Clerk, at \$1,020.	1,080.00	
Myers, E. G.	do	510.00	
Rhode, Rosemary.	do	1,020.00	
Buchanan, M. C.	do	552.50	
McGregor, Lillian L.	Clerk, at \$1,000.	338.89	
McPherson, L. R.	do	208.34	
MacFate, Elizabeth L.	do	1,000.00	
Seaton, Sarah F.	do	250.00	
Sherman, W. F.	do	1,000.00	
Gannett, M. C.	do	1,000.00	
Mosher, R. R.	Clerk, at \$960.	53.33	
Stewart, Lula	do	722.67	
Cunningham, M. V.	do	960.00	
Hardin, Alene.	Clerk, at \$900.	377.50	
Igo, Celestine.	do	130.00	
Kellerhouse, L. C.	do	187.50	
Kimmel, G. L.	do	900.00	
Mulford, Annabelle P.	do	482.50	
Stockton, Winifred L.	do	475.00	
McLaws, Meta T.	do	242.50	55.90
Stein, Hattie.	Clerk, at \$840.	567.00	
Knight, M. E.	do	98.00	
Steever, L. W.	Clerk, at \$800 and \$840.	814.99	
Stillwell, M. S.	do	814.99	
Eisenstein, Jennie C.	do	808.32	
Goldsmith, G. N.	Clerk, at \$800.	266.66	
Hoffman, E. T.	do	433.33	
Ryan, Elizabeth.	do	433.33	
Coale, E. R.	do	347.78	32.25
	Clerk, at \$780 and \$840.	802.50	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Chase, Florence A.	Clerk, at \$720 and \$840.	\$668.00	
Dennis, E. M. Pearl.	do.	525.00	
Gittings, N. B.	do.	765.00	
Webb, J. B.	do.	765.00	
Bisnette, Corinne R.	Clerk, at \$720.	74.00	
Coughlin, Cecilin M.	do.	76.00	
Cranford, Grace.	do.	59.00	
Davenport, Nell N.	do.	210.00	
Davis, Annie E.	do.	74.00	
Harrison, L. T.	do.	720.00	
Jones, Anne L.	do.	356.00	
Tracy, Sarah V.	do.	70.00	
Willcoxon, M. L.	do.	368.00	
Miller, C. W.	Clerk, at \$700 and \$900.	320.56	\$34.95
Nugent, E. M.	do.	320.56	28.05
Yates, Nellie.	do.	299.17	33.20
Anderson, L. L.	Clerk, at \$700 and \$840.	752.50	
Bauskett, Emily.	do.	752.50	
Carpenter, H. F.	do.	666.17	
Hadden, S. A.	do.	752.50	
Jett, E. N.	do.	752.50	
McGraw, Etta B.	do.	752.50	
Rowzee, Alberta N.	do.	752.50	
Sealey, Grace E.	do.	752.50	
Simpson, Mary K.	do.	752.50	
Beckham, M. V.	Clerk, at \$700 and \$780.	730.00	
Deaderick, May B.	do.	540.29	
Heisley, Lydia M.	do.	728.06	
Smith, Alice E.	do.	632.50	
Williams, Lydia.	do.	730.00	
Armstrong, Kennett.	Clerk, at \$700.	175.00	
Carter, Susie E.	do.	394.72	
Chappel, E. C.	do.	122.50	
Irving, Esther G.	do.	437.50	
Johnston, F. E.	do.	350.00	17.00
Randal, G. M.	do.	379.17	
Richmond, R. L.	do.	186.67	
Wallace, M. L.	do.	254.72	63.00
Miller, Bertha R.	Clerk, at \$600 and \$900.	293.33	35.10
Spencer, Mayme A.	do.	183.33	32.35
Edgerton, Daisy S.	Clerk, at \$600 and \$840.	690.00	
Winningham, Allis E.	do.	690.00	
Hall, Caroline E.	Clerk, at \$600 and \$720.	645.00	
Palmer, Augusta B.	do.	445.00	
Brooks, Lucile.	Clerk, at \$600.	15.00	
Coblentz, A. Z.	do.	205.00	
Flowers, Mary C.	do.	190.00	
Kerley, Ophelia.	do.	98.34	
Kuhn, Sarah E.	do.	325.00	
Noel, May C.	do.	98.33	
Payne, Mae E.	do.	211.66	
Shirley, Irene F.	do.	145.00	
Wells, Mary I.	do.	100.00	
Woolis, Sarah E.	do.	200.00	
Van Ranccke, L.	Clerk, translator, at \$900.	487.50	
Ellis, Maude.	Minor clerk, at \$720 and \$840.	780.00	
Reser, R. D.	Stenographer, at \$180.	18.00	
Kolb, Chas. A.	Draftsman, at \$2,000.	2,000.00	
Taylor, C. L.	Draftsman, at \$1,600.	1,600.00	
Witherow, J. M.	do.	1,502.22	
Calvert, Chas. P.	Draftsman, at \$1,500.	29.17	66.15
Brook, T. S.	Draftsman, at \$1,400.	1,400.00	
Noel, J. S.	do.	1,400.00	
Hilton, George.	Draftsman, at \$1,260.	266.00	13.30
Bradford, Fred D.	Draftsman, at \$1,200.	1,200.00	
Ruths, Robert J.	Copyist, topographic draftsman, at \$1,200.	576.67	
Trembley, G. T.	Draftsman, at \$1,200.	1,200.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Fenton, K. J.	Draftsman, at \$1,000.	\$1,000.00	
Poster, A. E.	do.	652.77	
Habercom, E. A.	do.	1,000.00	
Acker, S. L.	Draftsman, at \$900.	900.00	
Hart, Esther H.	Copyist, topographical draftsman, at \$900.	262.50	
Latham, Ella C.	Topographical draftsman, at \$900.	75.00	\$32.55
Harrison, D. C.	Topographer, at \$1,900.	1,900.00	
Varela, A. G.	Photographer, at \$1,600.	1,600.00	341.45
Shipp, E. S.	Photographer, at \$1,400.	1,392.22	
Blum, A. S.	Photographer, at \$1,200.	580.00	
Jones, C. C.	Photographer, at \$1,000.	1,000.00	
Brenizer, Nellie W.	Artist, at \$1,200.	1,200.00	
Hoyle, A. E.	Artist, at \$1,000.	1,000.00	
Hahn, jr., J. S.	Lithographer, at \$1,000.	1,000.00	
Faunce, P. W.	Lithographic helper, at \$700.	700.00	
Kirtland, Augusta G.	Map colorist, at \$600 and \$700.	645.00	
Mehurin, Ellen L.	Map colorist, at \$600.	181.66	
Oliver, Julia T.	do.	273.33	
Walter, Mary T.	do.	293.33	
Austin, C. T.	Carpenter, at \$1,000.	1,000.00	
Cooksey, T. R.	Carpenter, at \$720.	720.00	
Lee, R. E.	Electrician, at \$700 and \$900.	800.00	
Fuchs, Robert H.	Watchman, at \$700.	700.00	
Phillips, Wm. L.	Painter, at \$3.50 per day.	63.00	
Adamson, Consuela.	Skilled laborer, at \$720.	30.00	
Goshen, George W.	Skilled laborer, at \$700.	233.33	
Tate, W. P.	Unskilled laborer, at \$600.	200.00	
Wright, Wm.	do.	600.00	
Way, Wm. J.	Unskilled laborer, at \$50 per month.	50.00	
Saunders, John.	Unskilled laborer, at \$560.	560.00	
Curtis, Clarence T.	Unskilled laborer, at \$540.	296.25	
Moore, William.	Unskilled laborer, at \$480 and \$540.	510.00	
Poster, Frank B.	Unskilled laborer, at \$480.	194.67	
Woltz, Max M.	Apprentice boy, at \$480.	480.00	
Speller, T. R.	Messenger, at \$840.	840.00	
Locknane, J. M.	Messenger, at \$720.	720.00	
Stack, J. W.	do.	720.00	
Markwood, Wesley.	Messenger, at \$700.	700.00	
Sudler, Wallace L.	Messenger, at \$600.	600.00	
Brashears, Paul H.	Messenger, at \$360.	141.00	
Duvall, Carroll F.	do.	60.00	
Johnson, Wm. L.	do.	360.00	
Kuehling, R. H.	Messenger boy, at \$360.	63.00	
McLendon, Walter L.	Messenger, at \$360.	300.00	
Sorrels, William.	do.	75.00	
Salisbury, M. A.	Charwoman, at \$540.	540.00	
Sneed, M.	Charwoman, at \$360 and \$480.	405.00	
Burgess, Emily.	Charwoman, at \$240.	240.00	
Hill, Mahalia A.	do.	240.00	
Hutchinson, Henrietta.	do.	240.00	
Jackson, Anna.	do.	240.00	
Lancaster, Birtie.	do.	240.00	
Nash, Bettie E.	do.	240.00	
Parker, Angeline.	do.	240.00	
Savles, Maggie.	do.	240.00	
Walker, Mary T.	do.	240.00	
Whiting, Annie A.	do.	240.00	
Yates, E. M.	do.	240.00	
Total.		245,898.26	
<i>Out of Washington.</i>			
Hall, Wm.	Assistant forester, at \$3,000.	1,500.00	434.03
Olmsted, F. E.	District forester, at \$3,000.	2,691.67	818.70
Allen, E. T.	District forester, at \$2,700, and forest assistant, \$12.	1,020.00	198.10
Chapman, C. S.	District forester, at \$2,500.	1,562.50	673.85
Greeley, W. B.	District forester, at \$2,200.	2,200.00	877.50
Leavitt, Clyde.	do.	1,466.66	453.70
Riley, Smith.	do.	2,200.00	1,131.87
Ringland, A. C.	do.	2,200.00	1,319.41

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Du Bois, C. ....	Assistant district forester, at \$2,400 .....	\$2,300.00	\$1,033.98
Clapp, E. H. ....	Assistant district forester, at \$2,200, and associate district forester, at \$2,200 .....	2,200.00	795.11
Reed, F. W. ....	Assistant district forester, at \$2,100 .....	2,000.83	596.50
Cecil, G. H. ....	Assistant district forester, at \$2,000 .....	2,000.00	864.33
Reddington, P. G. ....	do .....	2,000.00	730.42
Silcox, F. A. ....	Assistant district forester, at \$1,800, and associate district forester, at \$2,000 .....	1,900.00	418.85
Cline, M. ....	Assistant forester, at \$2,000 .....	833.34	492.27
Cramer, H. B. ....	Chief of Office of Records, at \$2,400 .....	600.00	132.70
Fuchs, W. R. ....	Chief of Accounts, at \$1,740, and \$2 per diem l. l. s. ....	1,226.00	34.40
Craft, Q. R. ....	District fiscal agent, at \$1,860 .....	1,860.00	167.77
Duffy, J. J. ....	Chief of Accounts, at \$1,700 and \$1,900 .....	1,800.00	738.46
Cousins, A. H. ....	District fiscal agent, at \$1,700 and \$1,800 .....	1,750.00	312.23
Loving, H. I. ....	Chief of Accounts, at \$1,500 and \$1,700 .....	1,600.00	162.23
Wiley, C. ....	District fiscal agent, at \$1,500 and \$1,800 .....	1,650.00	282.99
Urbanowicz, J. A. ....	Chief of Accounts, at \$1,500 and \$1,600 .....	1,550.00	472.31
Rutledge, R. H. ....	Chief of Operation, at \$1,900, and assistant district forester, at \$2,000 .....	1,950.00	271.65
Imes, R. P. ....	Chief of Operation, at \$1,800, and assistant district forester, at \$2,000 .....	1,900.00	307.57
Flory, C. H. ....	Chief of Operation, at \$1,700, and assistant district forester, at \$2,000 .....	1,850.00	598.13
Waha, A. O. ....	Chief of Operation, at \$1,700, and assistant district forester, at \$2,000 .....	1,850.00	388.36
Morrell, F. W. ....	Chief of Operation, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	616.76
Headley, Roy. ....	Chief of Operation, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	669.34
Hatton, J. H. ....	Chief of Grazing, at \$2,100 .....	1,895.83	578.46
Adams, C. H. ....	Chief of Grazing, at \$2,000, and assistant district forester, at \$2,000 .....	2,000.00	603.75
Fenn, H. E. ....	Chief of Grazing, at \$1,900, and assistant district forester, at \$2,000 .....	1,950.00	677.45
Nelson, J. W. ....	Chief of Grazing, at \$1,900, and assistant district forester, at \$2,000 .....	1,950.00	1,034.60
O'Brien, H. K. ....	Chief of Grazing, at \$1,900, and assistant district forester, at \$2,000 .....	1,950.00	958.82
Campbell, J. K. ....	Chief of Grazing, at \$1,800 .....	1,800.00	872.70
Chittenden, A. K. ....	Chief of Silviculture, at \$2,400 .....	1,960.00	310.95
Cooper, A. W. ....	Chief of Silviculture, at \$2,000 .....	1,000.00	179.54
Homans, G. M. ....	do .....	1,333.33	201.50
Woolsey, jr., T. S. ....	Chief of Silviculture, at \$1,800, and assistant district forester, at \$2,000 .....	1,900.00	552.20
White, L. L. ....	Chief of Silviculture, at \$1,700, and assistant district forester, at \$2,000 .....	1,850.00	447.40
Ames, F. ....	Chief of Silviculture, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	734.09
Betts, H. S. ....	Chief of Products, at \$1,800, and assistant district forester, at \$2,000 .....	1,000.00	336.95
Knapp, J. B. ....	Charge of Office of Products, at \$1,600, engineer in charge of products, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	615.21
Smith, C. S. ....	Chief of Products, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	599.48
Martin, J. P. ....	Assistant Chief of Operation, at \$1,800, and assistant district forester, at \$2,000 .....	1,000.00	37.00
Peck, A. S. ....	Assistant Chief of Operation, at \$1,800, and assistant district forester, at \$2,000 .....	1,900.00	372.65
Clarke, E. H. ....	Assistant Chief of Operation, at \$1,800 and \$1,900 ..	1,850.00	381.65
Buck, C. J. ....	Assistant Chief of Operation, at \$1,600, and assistant district forester, at \$1,900 .....	1,750.00	436.19
Hammatt, R. F. ....	Assistant Chief of Operation, at \$1,600, and assistant district forester, at \$1,800 .....	1,700.00	434.83
Stuart, R. Y. ....	Assistant Chief of Operation, at \$1,600, and assistant district forester, at \$1,800 .....	1,700.00	418.55
Stahl, C. J. ....	Assistant Chief of Operation, at \$1,500, and assistant district forester, at \$1,800 .....	1,650.00	591.08
Elliott, M. B. ....	Assistant Chief of Grazing, at \$2,000 .....	2,000.00	674.70
Kerr, J. ....	Assistant Chief of Grazing, at \$1,900, and assistant district forester, at \$2,000 .....	1,950.00	718.60



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McCain, A. C. ....	Assistant Chief of Grazing, at \$1600, and assistant district forester, at \$1,800.	\$1,700.00	\$517.45
Kavanagh, E. N. ....	Assistant Chief of Grazing, at \$1,600, and assistant district forester, at \$1,700.	1,650.00	645.10
Mackenzie, T. P. ....	Assistant Chief of Grazing, at \$1,500, and assistant district forester, at \$1,700.	1,288.33	490.91
Perrine, W. S. ....	Assistant Chief of Grazing, at \$1,500, and assistant district forester, at \$1,700.	1,600.00	521.02
Moore, S. L. ....	Assistant Chief of Silviculture, at \$1,400, and assistant district forester, at \$1,700.	1,550.00	477.40
Recknagel, A. B. ....	Assistant Chief of Silviculture, at \$1,600, and assistant district forester, at \$1,900.	1,750.00	801.42
Woodbury, T. D. ....	Assistant Chief of Silviculture, at \$1,600, and assistant district forester, at \$1,900.	1,598.90	805.24
Butler, O. M. ....	Assistant Chief of Silviculture, at \$1,400 and \$1,700.	1,550.00	455.85
Judd, C. S. ....	Assistant Chief of Silviculture, at \$1,300, and assistant district forester, at \$1,600.	1,387.78	329.29
Mason, D. T. ....	Assistant Chief of Silviculture, at \$1,300, and assistant district forester, at \$1,600.	1,406.66	467.05
Oakleaf, H. B. ....	Assistant chief, products, at \$1,000, and forest assistant, at \$1,300.	1,141.67	627.78
Miller, L. C. ....	Chief of Planting, at \$1,900.	1,900.00	676.39
Smith, S. C. ....	Chief of Boundaries, at \$1,500, and forest supervisor, at \$1,800.	1,650.00	683.71
Sackett, H. S. ....	Chief of Wood Utilization, at \$1,400 and \$1,700.	966.67	244.25
Sherfesse, Wm. F. ....	Chief of Wood Preservation and forest assistant, at \$1,800.	510.00	393.32
Weiss, H. F. ....	Chief of Wood Preservation, at \$1,700, and assistant director, at \$2,000.	808.34	253.30
Kempfer, W. H. ....	Chief of Maintenance, at \$1,400 and \$1,600.	916.67	32.15
Dahl, A. L. ....	Chief of Maintenance, at \$1,300.	270.83	137.71
Merrill, O. C. ....	Expert, at \$3,000.	3,000.00	813.83
Clothier, Geo. L. ....	Expert, at \$2,000.	94.44	52.87
Maxwell, Hu. ....	do	1,000.00	.....
Hatt, W. K. ....	Expert, at \$1,800.	750.00	150.50
Mulford, Walter. ....	do	35.00	28.40
Bateman, E. ....	Expert, at \$1,400 and \$1,600.	716.67	5.45
Bennett, W. C. ....	Expert, at \$1,200.	223.33	92.65
Hatch, C. F. ....	do	750.00	396.76
Hawley, L. F. ....	Expert, at \$1,200 and \$1,500.	662.50	194.76
Simmons, Roger E. ....	Expert, at \$1,200.	700.00	147.74
Smith, F. H. ....	Expert, at \$1,200 and \$1,500.	850.00	250.86
Sullivan, J. F. ....	Expert, at \$1,200.	753.33	549.85
Brush, W. D. ....	Expert, at \$1,000 and \$1,200.	300.00	96.77
Gerry, Eloise. ....	Expert, at \$1,000.	41.67	.....
Tillotson, M. R. ....	Expert, at \$900 and \$1,100.	1,000.00	266.85
Kobbe, Wm. H. ....	Forest assistant at \$1,800.	75.00	.....
Patterson, A. B. ....	do	785.00	109.60
Tiemann, H. D. ....	Forest assistant and engineer in timber tests, at \$1,700, and chief of wood technology, at \$2,000.	1,141.67	57.33
Tompkins, H. J. ....	Forest assistant, at \$1,700.	1,700.00	102.15
Hill, C. L. ....	Forest assistant, at \$1,600.	435.55	57.65
Hutchinson, W. I. ....	do	1,346.67	792.58
Kelleher, P. D. ....	Forest assistant, at \$1,800.	1,700.00	1,240.92
Maule, Wm. M. ....	Forest assistant, at \$1,600, and forest supervisor, at \$1,700.	1,650.00	405.20
Mell, C. D. ....	Forest assistant, at \$1,600.	200.00	44.05
Reynolds, R. V. R. ....	Forest assistant, at \$1,600, and forest examiner, at \$1,700.	1,650.00	146.61
Chapman, H. H. ....	Forest assistant, at \$1,500.	41.67	46.75
Dunlap, Frederick. ....	Forest assistant, at \$1,500 and \$1,700.	741.66	33.23
Hodson, E. R. ....	Forest assistant, at \$1,500, and forest examiner, at \$1,600.	1,550.00	426.25
Swan, O. T. ....	Forest assistant, at \$1,500.	1,250.00	441.93
Bradfield, W. ....	Forest assistant, at \$1,400.	758.33	235.60
Clifford, E. C. ....	Forest assistant, at \$1,400 and \$1,500.	1,450.00	361.38
Foster, H. D. ....	Forest assistant, at \$1,400.	1,400.00	201.74
Keach, J. E. ....	Forest assistant, at \$1,400 and \$1,500.	1,450.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Merritt, M. L.	Forest assistant, at \$1,400	\$1,166.67	\$333.33
Miller, F. G.	do	303.33	121.70
Rosenbluth, R.	do	466.67	38.15
Rothkugel, Max.	do	1,400.00	685.79
Siecke, E. O.	do	750.56	125.53
Coolidge, P. F.	Forest assistant, at \$1,300	278.05	97.43
Galarneau, D. C. A.	do	650.00	126.47
Holroyd, H. B.	Forest assistant, at \$1,300, and deputy forest supervisor, at \$1,500	1,400.00	292.60
Howarth, J. A., jr.	Forest assistant, at \$1,300	704.17	141.82
Oman, A. E.	do	1,300.00	358.40
Smith, G. C.	do	75.83	32.00
Stickney, M. N.	Forest assistant, at \$1,300, and deputy forest supervisor, at \$1,400	1,180.28	335.58
Barrows, W. B.	Forest assistant, at \$1,200	100.00	4.45
Bates, C. G.	Forest assistant, at \$1,200 and \$1,400	1,300.00	910.60
Bard, G. P.	do	1,290.00	752.37
Benedict, J. St. J.	Forest assistant, at \$1,200 and \$1,300	800.00	110.47
Berry, S.	Forest assistant, at \$1,200 and \$1,500	1,350.00	476.50
Burrall, H. D.	Forest assistant, at \$1,200 and \$1,400	1,300.00	164.10
Crowell, L.	Forest assistant, at \$1,200	1,200.00	175.45
Dunston, C. E.	Forest assistant, at \$1,200, and forest examiner, at \$1,400	1,300.00	377.20
Hawley, R. C.	Forest assistant, at \$1,200	100.00	67.40
James, L. L.	do	1,200.00	467.82
Kellogg, F. B.	do	90.00	
Kummel, J. F.	Forest assistant, at \$1,200 and \$1,400	1,300.00	430.13
Kupfer, C. A.	Forest assistant, at \$1,200, and \$1,500	1,350.00	540.88
Macduff, N. F.	Forest assistant, at \$1,200, and deputy forest supervisor, at \$1,500	1,350.00	500.60
Murphy, L. S.	Forest assistant, at \$1,200	300.00	101.10
Pearson, G. A.	Forest assistant, at \$1,200, and forest examiner, at \$1,500	1,350.00	520.07
Pierson, A. H.	Forest assistant, at \$1,200	300.00	
Ramskill, J. H.	Forest assistant, at \$1,200 and \$1,300	1,250.00	152.90
Ryder, F. J.	Forest assistant, at \$1,200, and deputy forest supervisor, at \$1,400	1,233.34	342.88
Spaulding, T. C.	Forest assistant, at \$1,200, and deputy forest supervisor, at \$1,300	1,250.00	294.32
Stretch, R. A.	Forest assistant, at \$1,200	1,200.00	346.99
Terry, E. I.	do	1,096.67	187.75
Whitney, C. N.	do	1,200.00	209.00
Hayes, W. D.	Forest assistant, at \$1,100	559.17	108.27
Higgins, Jay	do	1,100.00	220.55
Murdock, John, jr.	do	1,078.60	368.75
Allen, R. W.	Forest assistant, at \$1,000, and deputy forest supervisor, at \$1,300	1,150.00	506.14
Allen, S. W.	Forest assistant, at \$1,000	1,000.00	324.50
Bentley, John, jr.	Forest assistant, at \$1,000, and deputy forest supervisor, at \$1,300	1,077.78	437.55
Butler, J. W.	Forest assistant, at \$1,000	1,000.00	367.30
Brower, A. L.	Forest assistant, at \$1,000 and \$1,200	1,100.00	241.24
Brundage, F. H.	Forest assistant, at \$1,000, and deputy forest supervisor, at \$1,300	1,069.44	284.61
Canavarro, G. De S.	Forest assistant, at \$1,000	277.78	
Clark, E. T.	Forest assistant, at \$1,000, and deputy forest supervisor, at \$1,300	1,100.00	195.45
Cleator, F. W.	do	1,150.00	375.76
Cobbs, J. L., jr.	Forest assistant, at \$1,000	775.00	354.38
Coffman, J. D.	do	1,000.00	526.13
Cox, C. B.	do	275.00	211.95
Dieffenbach, R.	Forest assistant, at \$1,000 and \$1,200	1,100.00	474.54
Duthie, G. A.	Forest assistant, at \$1,000	1,000.00	522.40
Edmunds, P. D.	Forest assistant and agent, at \$1,000	583.34	117.95
Farquhar, H. H.	Forest assistant, at \$1,000	1,000.00	636.69
Fegley, H. E.	do	775.00	179.60
Fenley, E. J.	do	916.67	314.86
Fitzwater, J. A.	Forest assistant, at \$1,000, and deputy forest supervisor, at \$1,300	1,150.00	873.95

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gaylord, F. A.	Forest assistant, at \$1,000	\$541.67	\$165.38
Goldsmith, R. C.	do	1,000.00	281.27
Graylord, F. A.	do	83.33	
Haefer, H. E.	do	1,000.00	215.95
Hall, J. R.	Forest assistant, at \$1,000 and deputy forest supervisor, at \$1,200.	1,100.00	330.45
Hall, S. B.	Forest assistant, at \$1,000	802.78	376.65
Hamel, A. G.	do	980.56	269.67
Harvey, B. T.	do	1,000.00	442.06
Heller, C. J.	do	780.56	438.94
Hendry, G. W.	do	877.77	319.85
Hodgson, A. H.	Forest assistant, at \$1,000, and forest supervisor, at \$1,300.	1,136.10	419.42
Hopson, W. A.	Forest assistant, at \$1,000	141.66	11.00
Howard, W. G.	do	133.33	26.95
Ingram, J. E.	do	1,000.00	190.19
Johnson, H. L.	do	1,000.00	376.08
Chapin, Jones	do	618.33	248.01
Jotter, E. V.	do	1,000.00	378.24
Keplinger, P.	Forest assistant, at \$1,000 and \$1,200	1,000.00	318.38
Kircher, J. C.	Forest assistant, at \$1,000	994.44	287.90
Latane, W. C.	do	986.11	219.50
Leopold, Aldo	do	1,000.00	167.83
McDaniels, E. H.	do	1,000.00	312.51
McLean, F. T.	Forest assistant, at \$1,000 and \$1,200	1,100.00	524.90
Macdonald, G. B.	do	946.67	319.05
Maddox, R. S.	Forest assistant, at \$1,000	416.67	216.30
Martin, J. E.	do	986.11	254.30
Mitchell, J. A.	do	994.44	515.85
Moore, B.	do	744.43	361.22
Morris, W. W.	do	797.22	229.83
Morse, C. B.	Forest assistant, at \$1,000; and deputy forest supervisor, at \$1,400.	1,116.67	292.74
Munger, T. T.	Forest assistant, at \$1,000 and \$1,300	1,143.61	489.88
Osborne, W. B., jr.	Forest assistant, at \$1,000	1,000.00	272.12
Parker, R.	Forest assistant, at \$1,000; and deputy forest supervisor, at \$1,300.	1,150.00	230.95
Patton, F. M. (Patton, F. McLeod).	Forest assistant, at \$1,000; and deputy forest supervisor, at \$1,300.	958.33	286.20
Paxton, P. J.	Forest assistant, at \$1,000	969.44	153.56
Pierce, R. G.	Forest assistant, at \$1,000 and \$1,200	1,100.00	533.18
Reynolds, D. B.	Forest assistant, at \$1,000; and deputy forest supervisor, at \$1,300.	1,050.00	388.44
Rockwell, F. I.	Forest assistant, at \$1,000 and \$1,200	1,100.00	281.58
Rogers, R. L.	Forest assistant, at \$1,000; and deputy forest supervisor, at \$1,300.	1,150.00	527.85
Saunders, A. A.	Forest assistant, at \$1,000	1,000.00	162.90
Simmons, Robert	do	180.55	149.42
Starr, E. B.	do	1,000.00	191.61
Starr, F. R.	do	1,000.00	525.80
Stewart, S. S.	do	1,000.00	208.65
Stone, W. T.	do	177.77	36.89
Taylor, R. W.	do	1,000.00	219.90
Thompson, R. H.	do	708.33	174.90
Turney, D. P.	do	83.34	
Tillotson, C. R.	do	211.11	28.35
Wilber, C. P.	do	966.67	332.81
Wilcox, A. R.	do	983.33	193.42
Wilcox, C. H.	do	288.89	159.20
Willey, W. B.	do	452.78	235.93
Willis, C. P.	do	1,000.00	266.41
Winter, Wm.	do	705.55	300.85
Wulff, V.	do	1,000.00	120.40
Hodgman, A. W.	Forest assistant, at \$480	20.00	
Moffatt, F. R.	do	20.00	
Kellogg, R. S.	Forest assistant, at \$8 per diem when actually employed.	30.86	
Scott, C. A.	do	10.00	
Phillips, F. J.	Forest assistant, at \$4 per diem	64.00	36.80



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Winkenwerder, H. A. ....	Forest assistant, at \$4 per diem when actually employed.	\$60.00	\$106.92
Lull, G. B. ....	Forest assistant, at \$4 per diem	120.00	
Clarke, H. H. ....	Assistant law officer, at \$1,800	340.00	129.10
Pierce, C. R. ....	Law examiner, at \$1,800; and deputy law officer, at \$2,000.	1,066.66	530.75
Lane, E. A. ....	Law examiner, at \$1,800.	900.00	387.48
Mead, G. F. ....	Law examiner, at \$1,600.	306.67	
Cates, J. M. ....	Law examiner, at \$1,500.	408.33	226.10
Humeston, S. J. ....	do.	183.33	
Aiken, W. M. ....	Law examiner, at \$1,200 and \$1,500; and district law officer, at \$2,000.	1,475.00	588.53
Dechant, H. P. ....	Law examiner, at \$1,200; assistant district law officer, at \$1,200 and \$1,500; and district law officer, at \$2,000.	1,475.00	277.79
Trowbridge, G. E. ....	Law examiner, at \$1,200; assistant district law officer, at \$1,500; and district law officer, at \$2,000.	1,475.00	547.22
Feagans, Ray F. ....	Law examiner, at \$1,200; and assistant district law officer, at \$1,500 and \$1,800.	1,425.00	405.27
Lawson, J. F. ....	Law examiner, at \$1,200; and assistant district law examiner, at \$1,400 and \$1,800.	1,400.00	206.44
Jamison, H. B. ....	Law examiner, at \$1,200.	673.33	236.35
Mitchell, Paul. ....	do.	546.67	294.28
Aldons, A. E. ....	Plant ecologist, at \$1,200.	50.00	9.00
Schorger, A. W. ....	Chemist, at \$1,200.	600.00	28.75
Beckwith, A. M. ....	Expert xylogonomist, at \$900.	225.00	
Thelen, Rolf. ....	Engineer in timber tests, at \$1,600 and \$1,900.	766.68	56.84
Goss, O. P. M. ....	Engineer in timber tests, at \$1,500 and \$1,600.	1,550.00	383.44
Betts, N. DeWitt. ....	Engineer in timber tests, at \$1,400.	1,232.78	210.19
Newlin, J. A. ....	Engineer in timber tests, at \$1,400 and \$1,600.	916.67	15.35
Heim, A. L. ....	Engineer in timber tests, at \$1,300 and \$1,500.	1,400.00	185.58
Armstrong, A. K. ....	Engineer in timber tests, at \$1,200.	1,153.33	279.80
Wilson, T. R. C. ....	do.	53.33	
Wolff, A. D., jr. ....	do.	993.33	59.75
McKenzie, H. E. ....	Engineer in timber tests, at \$1,000 and \$1,200.	683.34	
Blank, H. V. ....	Engineer in timber tests, at \$1,000.	686.11	43.85
Gessert, G. R. ....	do.	727.78	23.05
Zimmerman, C. W. ....	Engineer in timber tests, at \$900 and \$1,100.	880.00	6.80
Venemann, T. W. ....	Timber testing assistant, at \$900.	900.00	19.30
Barry, Cornelius. ....	Timber testing assistant, at \$800 and \$900.	404.17	
Bixby, J. O. ....	Timber testing assistant, at \$800 and \$1,000.	566.67	
Buhl, P. S. ....	Testing assistant, at \$800.	426.67	50.80
Russell, Jesse. ....	Laboratory aid and engineer, at \$900.	75.00	
Blaine, Frank. ....	Laboratory aid and engineer, at \$730 and \$800.	360.84	11.45
Barnum, C. T. ....	Engineer in wood preservation, at \$1,000 and \$1,300.	570.84	
Bond, F. M. ....	do.	570.84	108.99
Ford, E. H. ....	do.	422.78	66.85
Hicks, P. R. ....	Engineer in wood preservation, at \$1,000 and \$1,200.	766.67	582.20
Peters, E. W. ....	do.	483.34	
Teesdale, C. H. ....	Engineer in wood preservation, at \$1,000.	83.34	120.48
Winslow, C. P. ....	Engineer in wood preservation, at \$1,000 and \$1,300.	516.68	19.70
Witt, Louis. ....	Engineer in wood preservation, at \$1,000.	83.34	
Weyls, Harry. ....	Laboratory assistant, at \$700 and \$800.	125.00	10.75
Lyons, Thomas. ....	Laboratory assistant, at \$600 and \$800.	450.00	10.75
Lamm, Leslie. ....	Laboratory helper, at \$600.	275.00	
Webster, P. W. ....	Laboratory helper, at \$720.	60.00	25.45
Sherrard, T. H. ....	Forest supervisor, at \$2,700.	2,700.00	186.48
Benedict, R. E. ....	Forest supervisor, at \$2,400.	1,800.00	600.19
Fenn, F. A. ....	do.	2,400.00	184.42
Charlton, R. H. ....	Forest supervisor, at \$2,300.	2,300.00	424.13
Langille, W. A. ....	do.	191.67	221.60
Sherman, E. A. ....	Forest supervisor, at \$2,200; and district forester, at \$2,200.	2,200.00	560.46
Shinn, C. H. ....	Forest supervisor, at \$2,200.	2,200.00	533.19
Weigle, W. G. ....	do.	2,200.00	386.02

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Barrett, L. A.	Forest supervisor, at \$2,100.	\$2, 100. 00	\$530. 65
Miller, R. E.	do.	2, 100. 00	166. 20
Jackson, W. E.	Forest supervisor, at \$2,000.	1, 766. 66	209. 90
Koch, E.	do.	2, 000. 00	444. 33
Marshall, G. E.	do.	2, 000. 00	331. 40
Pack, W. I.	do.	2, 000. 00	370. 51
Pooler, F. C. W.	Forest supervisor, at \$2,000, and assistant district forester.	2, 000. 00	694. 15
Allen, G. F.	Forest supervisor, at \$1,900.	1, 900. 00	307. 23
Bartrum, S. C.	do.	1, 900. 00	299. 79
Bunker, P. S.	Forest supervisor, at \$1,900 and \$2,000.	1, 950. 00	247. 96
Bushnell, Dwight.	Forest supervisor, at \$1,900.	1, 900. 00	285. 15
Haines, F. N.	do.	1, 900. 00	270. 25
Jensen, A. W.	Forest supervisor, at \$1,900; and assistant district law officer, at \$1,800.	1, 864. 45	261. 34
Slosson, W. M.	Forest supervisor, at \$1,900.	1, 900. 00	1, 522. 99
Bigelow, R. L. P.	Forest supervisor, at \$1,800 and \$1,900.	1, 850. 00	474. 66
French, H. H.	Forest supervisor, at \$1,800.	1, 800. 00	450. 07
Grandjean, E.	Forest supervisor, at \$1,800 and \$1,900.	1, 850. 00	382. 01
Ireland, A. D.	Forest supervisor, at \$1,800.	1, 800. 00	319. 19
Ireland, Henry.	do.	1, 800. 00	472. 36
Kent, Wm. H. B.	Forest supervisor, at \$1,800 and \$2,000.	1, 900. 00	968. 06
Lafferty, J. B.	Forest supervisor, at \$1,800 and \$1,900.	1, 850. 00	606. 69
Marshall, H. A. E.	Forest supervisor, at \$1,800.	1, 725. 00	688. 37
Milham, G. W.	do.	1, 792. 50	489. 17
Schmitz, J. M.	do.	1, 800. 00	270. 50
Shaw, E. W.	do.	1, 800. 00	379. 09
Record, S. J.	Forest supervisor, at \$1,800 and \$2,000.	1, 694. 44	1, 067. 19
Seely, J. B.	Forest supervisor, at \$1,800 and \$1,900.	1, 850. 00	167. 13
Seitz, C. R.	do.	1, 850. 00	227. 57
Sylvester, A. H.	do.	1, 850. 00	2, 976. 43
Thurston, H. W.	Forest supervisor, at \$1,800.	1, 800. 00	198. 20
Woods, C. A.	Forest supervisor, at \$1,800 and \$1,900.	1, 850. 00	335. 56
Anderson, M. J.	Forest supervisor, at \$1,700.	1, 700. 00	330. 32
Blair, J. A.	do.	1, 700. 00	496. 49
Britten, E.	do.	1, 331. 67	88. 46
Chidsey, T. E.	do.	1, 700. 00	418. 45
Fromme, R. L.	Supervisor, at \$1,700.	1, 700. 00	294. 89
Hall, C. C.	Forest supervisor, at \$1,700 and \$1,800.	1, 750. 00	364. 32
Hinderer, C. H.	Forest supervisor, at \$1,700 and \$1,900.	1, 766. 95	425. 80
Hough, T. C.	Forest supervisor, at \$1,700 and assistant district forester, at \$1,800.	1, 750. 00	429. 50
Hurst, Wm.	Supervisor, at \$1,700 and \$1,800.	1, 750. 00	283. 95
Ingram, G. M.	Forest supervisor, at \$1,700 and \$1,800.	1, 696. 94	464. 80
Kinney, D. G.	do.	1, 726. 39	268. 40
McMillan, R.	Forest supervisor, at \$1,700.	1, 681. 11	229. 15
Mains, G. B.	Forest supervisor, at \$1,700 and \$1,800.	1, 750. 00	539. 10
Snell, N. E.	do.	1, 750. 00	247. 11
Spencer, F. C.	Forest supervisor, at \$1,700.	363. 61	192. 96
Stroup, A. L.	do.	1, 699. 99	342. 69
Wheeler, H. N.	do.	1, 700. 00	355. 35
White, W. W.	Forest supervisor, at \$1,700 and \$1,800.	1, 750. 00	195. 72
Willson, R. G.	do.	1, 750. 00	378. 83
Wyman, C. K.	do.	1, 750. 00	336. 50
Anderson, D.	Forest supervisor, at \$1,600.	359. 99	12. 30
Barnett, D.	Forest supervisor, at \$1,600 and \$1,800.	1, 700. 00	297. 85
Barney, G. H.	Forest supervisor, at \$1,600 and \$1,700.	1, 650. 00	170. 48
Bentz, G. G.	Forest supervisor, at \$1,600, and assistant district forester, at \$1,800.	1, 700. 00	737. 10
Clark, W. W.	Forest supervisor, at \$1,600.	111. 11	2. 35
Cohoon, A. E.	Forest supervisor, at \$1,600 and \$1,700.	1, 650. 00	312. 50
Conkling, D. T.	do.	1, 650. 00	226. 90
Cryder, W. W., jr.	Forest supervisor, at \$1,600.	133. 33	22. 00
Erickson, M. L.	Forest supervisor, at \$1,600 and \$1,800.	1, 700. 00	342. 05
Fitzgerald, C. W.	Forest supervisor, at \$1,600.	386. 66	89. 71
Hadley, F. H.	do.	1, 600. 00	385. 63
Hogue, A. H.	do.	1, 600. 00	176. 94
Krentzer, W. R.	do.	1, 600. 00	364. 53
Kinney, J. H.	do.	1, 595. 55	317. 39

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kling, L. A. H.	Forest supervisor, at \$1,600 and \$1,800.	\$1,700.00	\$204.02
Mattoon, W. R.	do.	1,700.00	246.48
Pack, D. S.	Forest supervisor, at \$1,600 and \$1,700.	1,650.00	285.00
Stabler, H. O.	Forest supervisor, at \$1,600 and \$1,800.	1,700.00	709.63
Williams, E.	Forest supervisor, at \$1,600 and \$1,700.	1,650.00	700.80
Anderson, W. M.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	137.70
Ayres, R. W.	Forest supervisor, at \$1,500 and \$1,800.	1,650.00	94.55
Ballinger, C. A.	Forest supervisor, at \$1,500 and \$1,600.	1,523.33	744.26
Barton, J. E.	do.	1,550.00	267.04
Bergh, H. A.	do.	1,550.00	263.13
Bingham, C. J.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	258.33
Blackhall, James.	Forest supervisor, at \$1,500.	1,500.00	260.13
Clark, J. H.	do.	1,483.33	281.23
Daughs, W. H.	do.	1,500.00	120.19
Goddard, W. H.	Forest supervisor, at \$1,500 and \$1,800.	1,650.00	234.40
Guthrie, J. D.	do.	1,650.00	359.80
Hanson, F.	Forest supervisor, at \$1,500, and forest ranger, at \$1,400.	1,427.51	332.86
Huddle, C. I.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	335.80
Kirkland, B. P.	Forest supervisor, at \$1,500 and \$1,800.	1,650.00	312.35
Laing, D.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	212.17
Langworthy, J. N.	Forest supervisor, at \$1,500.	1,500.00	302.38
Lantry, V. G., jr.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	611.42
Lovejoy, P. S.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	868.67
McCoy, Wm.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	224.15
McLaren, J.	do.	1,550.00	632.79
MacKay, A. J.	do.	1,550.00	445.24
Mast, W. H.	Forest supervisor, at \$1,500, and forest assistant.	1,479.17	354.47
Moore, R. J.	Forest supervisor, at \$1,500.	1,500.00	60.95
Neal, A. M.	do.	1,500.00	485.39
Ress, P.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	559.65
Rachford, C. E.	do.	1,600.00	318.37
Raphael, J.	Forest supervisor, at \$1,500.	1,500.00	402.75
Read, A. D.	Forest supervisor, at \$1,500 and \$1,700.	1,591.67	333.26
Rider, W. B.	Forest supervisor, at \$1,500 and \$1,800.	1,650.00	602.20
Ring, G. V.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	394.50
Rodman, D.	Forest supervisor, at \$1,500 and \$1,800.	1,500.00	592.80
Selkirk, R. J.	Forest supervisor, at \$1,500.	1,500.00	324.90
Smith, C. L.	Forest supervisor, at \$1,500, \$1,600, and \$1,800.	1,446.11	303.60
Smith, C. G.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	368.22
Snow, O. C.	Forest supervisor, at \$1,500 and \$1,600.	1,550.00	267.62
Swift, T. T.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	421.25
Tremenan, C. S.	do.	1,600.00	384.90
Wells, J. C.	Forest supervisor, at \$1,500.	1,425.00	247.78
Zachan, A. H.	Forest supervisor, at \$1,500 and \$1,700.	1,600.00	294.85
Bruins, J. F.	Forest supervisor, at \$1,400 and \$1,500.	1,450.00	1,034.18
Poole, C. G.	Forest supervisor, at \$1,400 and \$1,600.	1,500.00	396.46
Ratliff, J. H.	do.	1,500.00	298.59
Stewart, T. R.	Forest supervisor, at \$1,400 and \$1,500.	1,450.00	154.22
d'Allemand, B. R. H.	Forest supervisor, at \$1,200.	1,200.00	296.47
Kiefer, F.	Forest supervisor, at \$1,000 and \$1,300.	958.33	318.76
Hale, H. M.	Deputy forest supervisor, at \$1,600.	1,600.00	310.72
Harris, P. T.	Deputy forest supervisor, at \$1,600 and \$1,700.	1,650.00	395.45
Merrill, H. G.	Deputy forest supervisor, at \$1,600.	1,600.00	930.18
Morrill, W. J.	do.	324.44	39.60
Brown, G. D.	Deputy forest supervisor, at \$1,500 and \$1,600.	1,274.45	211.20
Farmer, J. W.	Deputy supervisor, at \$1,500.	62.50	-----
Fitton, D. E.	Deputy forest supervisor, at \$1,500, and forest supervisor, at \$1,500.	1,500.00	514.31
La Plant, J. C.	Deputy forest supervisor, at \$1,500.	1,500.00	109.70
Park, C. H.	Deputy forest supervisor, at \$1,500, and forest supervisor, at \$1,500 and \$1,600.	1,550.00	430.33
Pratt, M. B.	Deputy forest supervisor, at \$1,500 and \$1,600.	1,550.00	374.80
Sherwin, F. R., jr.	Deputy forest supervisor, at \$1,500.	1,058.33	110.70
Steel, F.	do.	1,283.33	328.74
Balthis, R. F.	Deputy forest supervisor, at \$1,400 and \$1,600.	1,500.00	226.60
Burton, W. C.	Deputy forest supervisor, at \$1,400.	1,400.00	220.55
Bushnell, R. H.	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.	1,450.00	170.72



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Drake, W. M.....	Deputy forest supervisor, at \$1,400 and \$1,600.....	\$1,500.00	\$184.08
Durbin, W. G.....	do.....	1,500.00	430.12
Granger, C. M.....	do.....	1,500.00	506.96
Guthrie, H. M.....	Deputy forest supervisor, at \$1,400.....	755.56	147.48
Harley, F. W.....	do.....	1,400.00	84.20
Harris, H. W.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,400 and \$1,600.....	1,500.00	404.05
Harvey, J. R.....	Deputy forest supervisor, at \$1,400.....	1,400.00	128.35
Hill, W. F.....	Deputy forest supervisor, at \$1,400 and \$1,500.....	1,450.00	449.81
Hudson, C. W.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.....	1,450.00	199.47
Jewell, J. E.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,600.....	1,500.00	257.07
McGhie, W. M.....	Deputy forest supervisor, at \$1,400.....	863.32	159.30
McPheters, H. G.....	Deputy forest supervisor, at \$1,400 and \$1,500.....	1,295.83	235.32
Mathias, R. F.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.....	1,450.00	260.85
Nielson, O. G.....	Deputy forest supervisor, at \$1,400.....	1,400.00	153.87
Parker, A. A.....	do.....	1,400.00	173.67
Riis, J.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.....	1,425.00	272.90
Shelley, R. S.....	Deputy forest supervisor, at \$1,400 and \$1,600.....	1,500.00	177.00
Smith, G. A.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.....	1,450.00	288.60
Spencer, H. L.....	do.....	1,446.11	230.81
Studley, H. F.....	Deputy forest supervisor, at \$1,400 and \$1,500.....	1,446.12	512.25
Swenning, S. S.....	Deputy forest supervisor, at \$1,400.....	1,326.11	178.68
Tyler, R.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,600.....	1,492.22	369.92
Warner, J. D.....	Deputy forest supervisor, at \$1,400 and \$1,500.....	1,450.00	87.05
Whitney, C. A.....	Deputy forest supervisor, at \$1,400.....	1,400.00	297.55
Winkler, E.....	do.....	1,400.00	170.50
Areutson, C. B.....	Deputy forest supervisor, at \$1,300 and \$1,400.....	1,350.00	319.34
Berky, E. C.....	Deputy forest supervisor, at \$1,300.....	1,300.00	166.87
Huestis, W. A.....	Deputy forest supervisor, at \$1,300 and \$1,500.....	1,400.00	283.85
Judd, D. K.....	Deputy forest supervisor, at \$1,300 and \$1,400.....	1,350.00	308.13
Long, E. B.....	do.....	1,350.00	387.59
Lowell, J. W., jr.....	do.....	1,350.00	255.55
McNulty, J. C.....	Deputy forest supervisor, at \$1,300 and \$1,500.....	1,400.00	358.69
Pelton, J. L.....	Deputy forest supervisor, at \$1,300 and \$1,400.....	1,350.00	248.49
Seaman, F. W.....	Deputy forest supervisor and forest ranger, at \$1,300.....	1,300.00	51.70
Skeels, D.....	Deputy forest supervisor, at \$1,300, and forest supervisor, at \$1,600.....	1,450.00	430.35
Sweetens, A. L.....	Deputy forest supervisor, at \$1,300 and \$1,400....	1,350.00	481.85
Andrews, F. E.....	Deputy forest supervisor, at \$1,200, and forest supervisor, at \$1,500.....	1,350.00	298.86
Blakeslee, W. W.....	Deputy forest supervisor, at \$1,200 and \$1,400....	1,300.00	201.85
Bonner, V. L.....	Deputy forest supervisor, at \$1,200 and \$1,300.....	1,223.33	272.22
Hurd, H. L.....	Deputy forest supervisor, at \$1,200 and \$1,400.....	1,300.00	137.33
McLaughlin, R. P.....	Deputy forest supervisor, at \$1,200 and \$1,300.....	1,239.16	114.75
McMillan, M. K.....	Deputy forest supervisor, at \$1,200.....	350.00	317.67
Millar, W. N.....	Deputy forest supervisor, at \$1,200, and forest supervisor, at \$1,400.....	1,300.00	345.86
Pearson, J. A.....	Deputy forest supervisor, at \$1,200 and \$1,400....	1,299.99	272.60
Phelan, L. J.....	do.....	1,300.00	267.45
Preston, J. F.....	Deputy forest supervisor, at \$1,200 and \$1,500.....	1,350.00	225.10
Rice, D. S.....	Deputy forest supervisor, at \$1,200 and \$1,400.....	1,300.00	232.48
Rogers, D. N.....	Deputy forest supervisor, at \$1,200, and forest supervisor, at \$1,500.....	1,350.00	377.21
Rothery, J. E.....	Deputy forest supervisor, at \$1,200 and \$1,400.....	988.89	199.46
Ryan, J. M.....	Deputy forest supervisor, at \$1,200, and forest supervisor, at \$1,500.....	1,350.00	330.75
Shockley, H. R.....	Deputy forest supervisor, at \$1,200.....	1,200.00	119.10
Stephenson, E. E.....	Deputy forest supervisor, at \$1,200, and forest ranger, at \$1,300.....	1,250.00	197.91
Thompson, G. C.....	Deputy forest supervisor, at \$1,200 and \$1,400....	1,300.00	243.95
Woolley, H. E.....	do.....	1,300.00	493.59
Calkins, H. G.....	Deputy forest supervisor, at \$1,100 and \$1,400....	1,250.00	337.65

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Chappell, S. A.	Deputy forest supervisor, at \$1,100 and \$1,300	\$1,157.22	\$547.33
Cook, A. M.	do.	1,175.55	270.14
Cooper, L. E.	do.	1,200.00	242.06
Day, P. L.	do.	1,200.00	614.42
Drew, N. B.	do.	1,200.00	181.99
Clement, C. R.	Deputy forest supervisor, at \$1,100, \$1,400, and \$1,600.	1,283.33	275.13
Shoemaker, T., jr.	Deputy forest supervisor, at \$1,100, and forest supervisor, at \$1,400.	1,250.00	639.54
Stephens, J. E.	Deputy forest supervisor, at \$1,100 and \$1,300	1,200.00	375.46
Thomson, F. S.	Deputy forest supervisor, at \$1,100	253.61	72.75
Tompkins, F.	do.	565.28	177.85
Brown, S. A.	Deputy forest supervisor, at \$1,000 and \$1,300	1,150.00	157.40
Brunke, E. R.	do.	1,041.67	274.72
Crabb, E. H.	do.	1,180.00	228.40
Earle, F. H.	do.	1,150.00	562.56
Graff, H.	do.	1,150.00	363.84
Herring, W. E.	District engineer, at \$2,400	1,200.00	564.10
Hospital, Wm. C. F.	Constructing engineer, at \$1,400	253.34	60.35
Darling, E. H.	Superintendent telephone construction, at \$1,500	20.83	28.31
Hugel, Nile	Civil engineer, at \$1,400 and \$1,600	360.00	149.30
Harrison, H. R.	Surveyor, at \$1,500	104.17	26.80
Carson, C. M.	Surveyor, at \$1,200	100.00	113.85
Pratt, R. E.	do.	263.33	24.70
Thackwell, H. L.	do.	100.00	5.80
Thompson, P. J.	do.	53.33	127.05
Zappone, C. R.	Rodman, at \$1,200	1,900.00	1,156.96
Gregg, G. P.	Lumberman, at \$1,900	1,800.00	1,141.66
Adams, D. W.	Lumberman, at \$1,800	335.00	45.20
Norton, A. J.	do.	885.00	264.82
Andrews, W. T.	do.	1,735.00	722.65
Cott, G. L.	do.	1,650.00	568.87
Elliott, J. E.	do.	1,800.00	479.21
Elliott, J. C.	do.	1,800.00	630.47
Ensign, C. H.	do.	1,770.00	495.95
Gregory, C. H.	do.	260.00	21.60
Horton, E. M.	do.	1,320.00	528.55
Kennedy, P.	do.	1,800.00	933.05
Seerey, D. F.	do.	1,800.00	881.32
Wynne, A. A.	do.	1,750.00	337.66
Baird, J. S.	Lumberman, at \$1,700 and \$1,800	666.66	929.11
McKinnon, W. R.	Lumberman, at \$1,600	284.17	232.75
Hughes, J. P.	Lumberman, at \$1,500 and \$1,700	1,678.00	1,667.64
Gilmore, C. L.	Timber cruiser, at \$1,100	1,660.00	826.77
Johnson, H. N.	Expert miner, at \$4.50 per day and \$1,700	526.50	112.90
McElroy, C. A.	do.	927.00	492.00
Clary, J. H.	Expert miner, at \$4.50 per day	648.00	559.30
Foote, F. A.	do.	342.00	113.85
Green, C. I.	do.	150.00	129.30
Sullivan, C. J.	Expert miner, at \$1,500	774.99	859.69
Griswold, C.	Expert miner, at \$1,300 and \$1,500	1,108.34	733.93
Gillan, S. L.	Expert miner, at \$1,000 and \$1,300	1,107.00	1,404.10
Wheeler, B. L.	Expert miner, at \$3 per day and \$1,200	552.00	442.68
Curry, T. A.	Expert miner, at \$3 per day	1,010.00	1,053.78
Duncan, L. G.	Expert miner, at \$2.50 per day and \$1,100	1,453.50	180.40
Hard, E. C.	Practical miner, at \$9.50 per diem	711.00	688.03
Wingate, G.	Practical miner, at \$3 per day	1,300.00	1,358.16
Dykema, W. P.	Expert miner, at \$1,200 and \$1,400	250.00	150.85
Booth, H. M.	Miner, at \$1,000	1,550.00	1,167.14
Murch, C. H.	Forest examiner, at \$1,400 and \$1,700	1,455.56	362.85
Allison, J. H.	Forest examiner, at \$1,400 and Forest supervisor, at \$1,700	983.34	142.04
Eldredge, I. F.	Forest examiner, at \$1,400 and \$1,500	1,353.07	548.80
Pipe, Wm. B.	Forest examiner, at \$1,600 and \$1,700	1,100.00	435.55
Mergold, L.	Forest examiner, at \$1,800	1,850.00	451.15
Peary, G. W.	Forest examiner, at \$1,800 and \$1,900	616.66	148.00
Fetherolf, J. M.	Forest examiner, at \$1,800 and \$1,900	625.00	35.45
Woodward, C. W.	Forest expert, at \$1,500		
Fletcher, E. D.			

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wernstedt, P.	Forest expert, at \$1,400.	\$350.00	\$94.00
Grant, J. M.	Forest expert, at \$1,200 and \$1,500.	1,080.00	1,087.93
Girard, J. W.	Forest expert, at \$1,000 and \$1,200.	1,100.00	41.00
Tucker, H. L.	Forest expert, at \$900.	150.00	10.35
Carmony, D. L.	Forest agent and engineer wood preservation, at \$1,300.	660.82	114.90
Ballard, S. M.	Forest agent, at \$1,200.	840.00	160.25
Brown, J. C.	do.	550.00	201.80
Chase, R. E.	do.	1,140.00	781.97
Hintze, F. F.	do.	13.33	26.20
Hoyt, J. F.	do.	83.33	21.35
Imes, C.	do.	100.00	34.65
Shortt, P. O.	do.	1,040.00	10.35
Clark, R. E.	Forest agent, at \$1,000, and deputy forest supervisor, at \$1,300.	1,150.00	355.65
Eckbo, N. B.	Forest agent, at \$1,000.	1,000.00	338.96
Hallauer, F. J.	Agent, at \$1,000.	44.44	-----
Johnson, S. H.	Forest agent, at \$1,000.	1,000.00	523.95
Mason, H. M.	Forest agent, at \$1,000, and engineer in wood preservation, at \$1,300.	1,113.33	261.90
Preston, C. O.	Forest agent, at \$1,000.	250.00	-----
Boldenneck, H. L.	Forest agent, at \$900.	717.50	163.90
Boughton, E. H.	Forest agent, at \$900 and assistant forest ranger, at \$1,100.	453.89	11.00
Brunyate, F. B.	Forest agent, at \$900.	450.00	283.81
Case, N. C.	do.	225.00	64.95
Dudley, E. G.	do.	555.00	94.30
Ferguson, R. T.	do.	402.50	54.00
Hopkins, A. S.	do.	450.00	32.20
Lang, D. M.	Forest agent, at \$900, and assistant forest ranger, at \$1,100.	937.78	306.05
Pitts, J. B.	Forest agent, at \$900.	105.00	62.15
Pooler, H. H.	do.	320.00	82.15
Pritchard, R. P.	do.	680.00	81.71
Silva, A. B.	do.	225.00	1.75
Wolff, M. H.	do.	522.50	194.00
Jensen, M. C.	Forest agent, at \$800.	466.67	-----
Reusch, H.	Forest agent, at \$720.	150.00	89.83
Rupp, H. K.	Forest agent, at \$600.	121.67	114.95
Finkbinder, D.	Forest agent, at \$420.	163.33	169.80
Kennedy, G. D.	Forest agent, at \$300.	35.00	40.95
Thomas, jr., F. J.	do.	35.00	-----
Curry, H. W.	Forest student, at \$300.	13.34	26.85
Nottage, jr., F. M.	do.	13.34	26.70
Pernot, J. F.	do.	50.00	85.36
Wilson, S. A.	do.	50.00	86.29
Torstenson, N. O.	Forest planting assistant, at \$1,500.	1,500.00	408.30
Parnay S. Y.	Forest planting assistant, at \$1,200.	1,200.00	302.60
Fetherolf, N. J.	Forest planting assistant, at \$1,100 and \$1,200.	1,023.33	70.47
Turner, H. C.	Forest planting assistant, at \$1,000 and \$1,100.	1,043.89	783.91
La Morer, B.	Forest planting assistant, at \$1,000.	1,000.00	-----
Bechtle, C. R.	Forest planting assistant, at \$900.	837.50	49.34
Hedricks, A.	Forest planting assistant, at \$900 and \$1,100.	1,000.00	220.05
Rickey, F. L.	Forest planting assistant, at \$900 and \$1,200.	1,050.00	106.76
Schrader, W. H.	Forest planting assistant, at \$900.	900.00	270.33
Taylor, C. R.	do.	575.00	76.10
Allen, W. R.	Field assistant, at \$900.	75.00	33.65
Blodgett, H. P.	do.	75.00	15.60
Cromwell, H. H.	do.	75.00	32.85
Coulson, E. H.	do.	15.00	-----
De Forest, H.	Field assistant, at \$75 per month.	40.00	17.50
Ferguson, H.	Field assistant, at \$900.	25.00	-----
Forbes, F. B.	do.	97.50	-----
Hamilton, C.	Field assistant, at \$75 per month.	50.00	-----
Hough, J. W.	Field assistant, at \$900.	40.00	24.80
Kollman, C.	do.	40.00	-----
Lee, L. F.	do.	75.00	18.25
Miles, L. O.	Field assistant, at \$75 per month.	52.50	9.45
Mose, A. E.	Field assistant, at \$900.	40.00	24.05



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Rogers, E. D.	Field assistant, at \$75 per month.	\$97.50	\$5.75
Ross, R. T.	Field assistant, at \$900.	97.50	
Schreck, R. G.	do.	40.00	
Shepard, E. C.	do.	17.50	
Spencer, J. W.	do.	40.00	23.20
Sponsler, O. L.	do.	40.00	
Sterett, J. C.	do.	40.00	
Swenson, O. F.	Field assistant, at \$75 per month.	42.50	75.00
Thomas, jr., F. J.	Field assistant, at \$900.	40.00	40.95
Wohlenberg, E. F. F.	Field assistant, at \$75 per month.	42.50	16.25
Hastings, A. B.	Field assistant, at \$720.	32.00	
Hughes, L.	do.	104.00	
Lothrop, R. I.	do.	42.00	
Mills, K.	do.	42.00	
Newins, H. S.	do.	32.00	
Polkernus, G. W.	do.	32.00	
Stephenson, R.	do.	32.00	
Aiken, W.	Field assistant, at \$540.	67.50	
Boerker, R. H.	do.	40.50	17.75
Gill, W. F.	do.	24.00	
Joyner, G. E.	do.	37.50	1.35
Cortlander, L. D.	Field assistant, at \$480.	69.34	
Freeman, F. G.	do.	34.67	
Hoffman, A. F.	do.	34.67	
Johnston, J. H.	do.	4.00	
Koepke, W. C.	do.	33.33	
Reynoldson, L. A.	do.	34.67	
Smith, P. T.	do.	33.33	
Eberly, W. J.	Field assistant, at \$420.	21.00	
Fullaway, S. V.	do.	21.00	
Griffin, A. A.	do.	17.50	
Martin, W. R.	do.	52.50	
Phillips, R. A.	do.	21.00	
Plumb, H. J.	do.	11.67	
Brown, Wm.	Field assistant, at \$360.	30.00	4.60
Gallaher, H. N.	do.	30.00	4.60
Graham, P. C.	do.	16.00	
Rice, F. H.	do.	16.00	
Thompson, F. L.	do.	15.00	
Hosmer, R. S.	Collaborator, at \$300.	250.00	659.44
Simons, jr., D. P.	Collaborator, at \$12.	12.00	
Henderson, W.	Law clerk, at \$1,400, and district law officer, at \$1,700 and \$2,000.	1,625.00	514.80
Quiggle, E. B.	Law clerk, at \$1,200 and \$1,500.	1,043.33	269.20
Follen, C. F.	Law clerk, at \$1,000.	105.55	
Talbot, T. M.	Land law clerk, at \$1,200 and \$1,400.	1,300.00	215.85
Law, jr., F. A.	Land law clerk, at \$1,200 and \$1,320.	1,260.00	35.39
Gardner, W. F.	Land law clerk, at \$1,200.	666.67	63.35
Childs, M. N.	Land law clerk, at \$1,000 and \$1,100.	1,050.00	
Griffin, G.	do.	1,050.00	
Huff, Nellie.	Land law clerk, at \$1,000.	166.66	88.60
Pattison, H. R.	Land law clerk, at \$900 and \$960.	930.00	105.90
McNair, A. D.	Land law clerk, at \$900.	900.00	12.80
Ross, P. A.	do.	15.00	
Falck, J. G.	Property auditor, at \$1,700.	1,700.00	95.70
O'Toole, M. J.	Tariff clerk, at \$1,200 and \$1,400.	1,300.00	12.20
Brunner, C. C.	Bookkeeper, at \$1,200 and \$1,320.	1,260.00	32.40
Inskip, R. E.	Expert accountant, at \$1,200.	406.66	
Smith, A. M.	Clerk, at \$1,800 and \$2,000.	1,900.00	288.82
Staley, W. F.	Clerk, at \$1,800, and assistant district law officer, at \$1,900, and district law officer, at \$2,000.	1,875.00	712.34
Blake, F.	Clerk, at \$1,600, and district law officer, at \$1,900 and \$2,000.	1,775.00	435.75
Swan, J. S.	Clerk, at \$1,560.	43.33	
Wyatt, R. D.	Clerk, at \$1,500.	145.83	47.65
Agee, F. B.	Clerk, stenographer, and typewriter, at \$1,400 and \$1,500.	1,450.00	230.80
Moore, F. T.	Clerk, at \$1,400 and \$1,500.	1,450.00	65.91
Belt, D. G.	Clerk, at \$1,400.	933.34	75.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dilley, J. W.	Clerk-bookkeeper, at \$1,400.	\$1,400.00	\$24.40
Whittleton, R. R.	Clerk, at \$1,400.	1,400.00	76.55
Moorman, T. M.	Clerk, at \$1,380.	690.00	70.62
Strause, F. D.	do.	690.00	
Dillon, E.	Clerk, at \$1,320.	220.00	111.10
Koschwitz, A. P.	do.	154.00	
Latimer, M. R.	do.	1,320.00	
Wold, O. M.	Clerk, at \$1,300 and \$1,500.	1,400.00	200.40
Busch, S. H.	Clerk, at \$1,300.	1,191.67	154.88
Gray, P. S.	do.	650.00	205.45
Campbell, R. L.	Clerk, at \$1,260 and \$1,380.	1,279.75	215.35
Allen, F. M.	Clerk, at \$1,260 and \$1,320.	1,290.00	
McGowan, D. F.	Clerk, at \$1,200 and \$1,400, and assistant district law officer, at \$1,800.	1,400.00	565.03
Buck, S.	Clerk, at \$1,200 and \$1,500.	1,350.00	211.35
Thompson, F. C.	Clerk, at \$1,200 and \$1,440.	1,296.00	319.99
Bunton, W. B.	Clerk, stenographer, and typewriter, at \$1,200 and \$1,400.	1,300.00	371.70
Conner, R. E.	Clerk, at \$1,200 and \$1,400.	1,300.00	32.05
Cook, J. W.	do.	1,300.00	90.30
Morris, Albert.	do.	1,300.00	108.25
O'Brien, Patrick J.	do.	1,300.00	96.84
Selp, Homer A.	do.	1,300.00	106.00
Thompson, W. C.	do.	1,300.00	
Stump, William C.	Clerk, at \$1,200 and \$1,320.	1,260.00	
Haynie, Frank.	Clerk, at \$1,200 and \$1,300.	1,250.00	29.60
Jeffries, Jas. B.	do.	431.66	137.32
Lindsay, John C.	do.	1,176.67	104.95
Wilhite, C. O.	do.	1,250.00	110.63
Bain, Virginia M.	Clerk, at \$1,200.	1,200.00	32.15
Beauverd, Harry A.	do.	440.00	
Bembry, B. W.	do.	600.00	
Brady, W. Leonard.	do.	830.00	
Burnham, J. B.	do.	1,200.00	
Everts, Chas. H.	do.	580.00	
Patten, Josephine A.	do.	680.00	3.15
Pellett, M. Edison.	do.	216.67	
Rose, William.	do.	1,200.00	196.78
Shannon, B. I.	do.	600.00	10.35
Smith, Fredrk. H.	Clerk, stenographer, and typewriter, at \$1,200.	53.33	
Stevens, Whitney H.	Clerk, at \$1,200.	400.00	
Steward, Luther.	do.	500.00	
Weil, Henry J.	do.	626.67	
Barrett, Thos. F.	Clerk, at \$1,100 and \$1,200.	1,134.72	
Caisse, Antoine M.	Clerk, at \$1,100 and forest clerk, at \$1,200.	787.23	25.32
Dougherty, J. M.	Clerk, at \$1,100 and \$1,200.	1,150.00	60.60
Fish, Fredk. A.	do.	1,104.16	
Porter, F. C.	do.	1,150.00	
White, Ethel M.	do.	1,136.67	
Jeffrey, Geo. L.	Clerk, at \$1,100.	1,100.00	
Moats, Albert L.	do.	12.23	8.25
Montgomery, E. F.	do.	433.88	
Neis, Claudius J.	do.	137.49	
Smith, Mary E.	Clerk, stenographer, and typewriter, at \$1,100.	91.66	
Windes, Chas. D.	Clerk, at \$1,100.	27.50	
Owen, Nina.	Clerk, stenographer, and typewriter, at \$1,080.	405.00	33.95
Ward, Herbert S.	Clerk, at \$1,080.	513.00	
Webster, Marjorie D.	Clerk, stenographer, and typewriter, at \$1,080.	639.00	
Friedland, K. B.	Clerk, stenographer, and typewriter, at \$1,020.	983.17	22.10
Woodman, Ulah M.	do.	232.33	
Gardner, Chas. T.	Clerk, at \$1,000 and \$1,400.	200.01	99.65
Fagan, H. F.	Clerk, stenographer, and typewriter, at \$1,000 and \$1,200.	1,100.00	
Metcalf, V.	Clerk, at \$1,600 and \$1,200.	1,047.77	53.20
Crutchfield, A. G.	Clerk, at \$1,000 and \$1,100.	875.00	84.85
Lane, H. F.	do.	720.55	12.00
Totten, S. G.	do.	1,013.34	
Amnen, E.	Clerk, at \$1,000 and \$1,080.	398.34	
Juckem, C. P.	Clerk, stenographer, and typewriter, at 1,000 and \$1,080.	1,040.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Yarger, M.	Clerk, at \$1,000 and \$1,080.	\$1,040.00	\$56.41
Aarons, M. B.	Clerk, at \$1,000.	1,000.00	
Collins, T. J.	Clerk, stenographer, and typewriter, at \$1,000.	993.05	57.98
Cook, E. V.	Clerk and typewriter, at \$1,000.	936.00	
Cotter, E. S.	Clerk, at \$1,000.	861.12	
Griswold, G.	Clerk, stenographer, and typewriter, at \$1,000.	547.22	25.80
Hale, E. A.	Clerk, at \$1,000.	436.11	
Houghton, T. G.	do.	1,000.00	2.90
Hughes, G. H.	Clerk, stenographer, and typewriter, at \$1,000.	458.32	
Lemling, S. K.	Clerk, at \$1,000.	530.56	
McKay, E. H.	Clerk, stenographer, and typewriter, at \$1,000.	125.00	
MacFate, E. L.	Clerk, at \$1,000.	750.00	225.70
Markey, J. F.	Clerk, stenographer, and typewriter, at \$1,000.	375.00	
Noonan, E. M.	do.	416.67	19.70
Roche, M. H.	Clerk, at \$1,000.	1,000.00	87.65
Sechurr, J. M.	Clerk, stenographer, and typewriter, at \$1,000.	600.00	197.27
Settles, R. J.	do.	405.56	5.75
Shinn, J. S.	Clerk, at \$1,000.	986.11	
Stewart, P. H.	do.	799.99	55.95
Tegethoff, V.	do.	1,000.00	20.10
Bartness, E. H.	Clerk, at \$900 and \$1,100.	1,000.00	
McKee, E. E.	Clerk, at \$900 and assistant forest ranger, at \$1,100.	894.17	36.15
Holcombe, L. M.	Clerk, stenographer, and typewriter, at \$900 and \$1,020.	960.00	
Kimmel, N. M.	Clerk, at \$900 and \$1,020.	960.00	
Mellen, A. A.	Clerk, stenographer, and typewriter, at \$900 and \$1,020.	960.00	
Unser, M. U.	Clerk, at \$900 and \$1,020.	960.00	
von der Line, A.	do.	960.00	
Wood, W. A.	do.	960.00	13.60
Wyckoff, J. M.	do.	960.00	53.26
Ammen, M.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	
Baker, M. E.	do.	927.50	
Baxter, L. O.	do.	950.00	
Bell, Maud A.	Clerk, at \$900 and \$1,000.	950.00	
Brown, T. N.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	
Cook, S. A.	Clerk, at \$900 and \$1,000.	925.00	
Finch, W.	do.	950.00	
Franklin, M.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	7.60
Glase, C.	Clerk, at \$900 and \$1,000.	950.00	
Griff, J.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	
Holberg, H. J.	Clerk, at \$900 and \$1,000.	950.00	
Huxford, E.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	825.00	
Jacobi, L.	Clerk, at \$900 and \$1,000.	950.00	22.05
Linell, E. M. A.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	
McGregor, L. L.	Clerk, at \$900 and \$1,000.	741.66	85.55
Morris, L. B.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	956.11	
Pooler, M.	Clerk and typewriter, at \$900 and \$1,000.	644.99	
Riley, F. K.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	950.00	
Wilson, E. G.	do.	950.00	
Asquith, B. W.	Clerk, at \$900 and \$960.	930.00	
Barksdale, S. P.	do.	400.00	
Cheshire, L. A.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	9.74
Derbyshire, F. E.	Clerk, at \$900 and \$960.	816.17	
Estes, I. D.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	73.60
Felder, Z.	Clerk and typewriter, at \$900 and \$960.	895.00	
Gay, E. L.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hood, C. P.	Copyist, at \$900 and \$960.	\$930.00	
Joynt, M. L.	Clerk, at \$900 and \$960.	930.00	
Reed, K. L.	do.	930.00	
Reese, D.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	
Russell, A. W.	Clerk, at \$900 and \$960.	930.00	
Scannell, A. V.	Clerk, stenographer, and typewriter, at \$900 and \$960.	575.33	
Schmieder, E. H.	do.	930.00	
Shoup, E. C.	Clerk, at \$900 and \$960.	610.00	
Shrader, P.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	
Thompson, M. A.	do.	916.25	
Veitch, F. A.	Clerk, at \$900 and \$960.	930.00	\$33.73
Weaver, E. E.	Clerk, stenographer, and typewriter, at \$900 and \$960.	930.00	17.35
Wood, C. M.	do.	514.00	1.50
Alkire, I.	Clerk and typewriter, at \$900.	637.50	
Anderson, J. R.	Clerk, at \$900.	750.00	
Baker, E. J.	Clerk, stenographer, and typewriter, at \$900.	75.00	
Balsley, H. W.	Clerk, at \$900.	872.50	2.25
Barnett, M. G.	Clerk, stenographer, and typewriter, at \$900.	7.50	
Barton, M. E.	do.	600.00	
Bell, E. F.	Computing clerk, at \$900.	900.00	
Bernhardt, E. J.	Clerk, at \$900.	600.00	415.15
Berry, M.	Clerk, stenographer, and typewriter, at \$900.	225.00	
Boardman, J. M.	Clerk, at \$900.	667.50	
Bond, C.	do.	112.50	
Brader, L. I.	do.	22.50	
Bray, M. G.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Brose, F. W.	Clerk, at \$900.	200.00	4.00
Brown, Bertha M.	Clerk, stenographer, and typewriter, at \$900.	657.50	
Brown, K. C.	Clerk.	82.50	
Bunger, Gertrude A.	Clerk, stenographer, and typewriter, at \$900.	630.00	
Campbell, Jennie.	Clerk, at \$900.	900.00	
Carter, Anna.	Clerk (temporary), at \$900.	37.50	
Castle, Evelyn D.	Clerk, at \$900.	70.00	
Clark, Burr W.	do.	600.00	
Close, Imogen M.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Conkling, Verona E.	do.	225.00	
Cooke, Dorris.	do.	155.00	
Crabb, Abbey Ware.	Clerk, at \$900.	55.00	
Cramer, Pearle P.	Clerk (temporary), at \$900.	375.00	
Curtin, Grace M.	Clerk, at \$900.	807.50	55.55
Da Matto, Maud M.	do.	52.50	
Daniel, Lena A.	do.	876.25	
Davis, Dorethea C.	Clerk, stenographer, and typewriter, at \$900.	165.00	
Dickson, Jean J.	do.	415.00	
Dodge, Edith A.	do.	862.50	
Dow, Anna M.	do.	150.00	
Eddy, Janie.	Clerk, stenographer, and typewriter (temporary), at \$900.	75.00	
Edginton, Nelle.	Clerk, stenographer, and typewriter, at \$900.	18.75	
Farmer, Frances.	Clerk, at \$900.	15.00	
Faustman, Beulah E.	do.	522.50	
Felder, Hattie E.	Stenographer and typewriter, at \$900.	867.50	20.60
Forsberg, Laura.	Clerk, stenographer, and typewriter, at \$900.	75.00	
Fox, Walter C.	Clerk, at \$900.	572.50	
Fuller, Maude M.	do.	900.00	
Garth, Elizabeth V.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Gray, Alice M.	do.	615.00	
Gray, Bertha M.	do.	900.00	
Gray, Bertha R.	Clerk (temporary), at \$900.	492.50	
Hanscom, Florence F.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Harrington, Ann G.	do.	900.00	
Harsch, Rose M.	do.	900.00	
Hartley, Verona E.	do.	75.00	
Haukness, Lula E.	Clerk, at \$900.	882.50	15.30
Hayward, Sue.	Clerk, stenographer, and typewriter, at \$900.	450.00	
Head, Dorris.	do.	375.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Helff, Ruth W.	Clerk, at \$900.	\$900.00	\$19.40
Helmick, Louise A.	Clerk, stenographer, and typewriter, at \$900.	717.50	
Hendricks, Carrie L.	do	900.00	
Henley, Agatha.	Clerk (temporary), at \$900.	540.00	
Higgins, Frances.	do	118.75	
Hoffman, Agnes.	Clerk, at \$900.	225.00	
Hooper, Stella.	Clerk, stenographer, and typewriter, at \$900.	712.50	
Huyett, Mayme L.	Clerk, at \$900.	232.50	
Igoe, Celestine.	do	712.50	
January, Carol.	Clerk, stenographer (temporary), at \$900.	117.50	
Jarns, Lillian M.	Clerk (temporary), at \$900.	225.00	
Jensen, Effie.	Clerk, at \$900.	845.00	
Johnson, Florence A.	do	62.50	
Johnson, Murrle.	do	37.50	
Johnston, Florence E.	Clerk, stenographer, and typewriter, at \$900.	450.00	12.35
Keen, Florence.	do	900.00	
Kidwell, Violet L.	Clerk, at \$900.	525.00	
Kimmel, Gertrude L.	do	382.50	
Kirk, Nellie A. Case.	Clerk, stenographer, and typewriter, at \$900.	597.50	
La Rue, Charles O.	Clerk, at \$900.	900.00	24.65
Lay, Rose.	do	300.00	
Lee, Grace M.	Clerk, stenographer, and typewriter, at \$900.	412.50	
Little, Bessie M.	Clerk, at \$900.	407.50	3.15
Lyle, Ruth M.	Clerk, stenographer, and typewriter, at \$900.	900.00	
McClinton, Claudine.	do	432.78	
McDevitt, L. M.	Clerk, at \$900.	625.00	79.80
McPhail, Eva A.	Clerk, stenographer, and typewriter, at \$900.	512.50	
Madsen, Anna E.	Clerk, at \$900.	567.50	
Mahuke, Nellie.	Clerk, stenographer, and typewriter, at \$900.	137.50	
Marckhoff, Bertha L.	do	900.00	
Medcalf, Roy L.	Clerk, at \$900.	300.00	
Miladofsky, Emily.	do	40.00	
Miller, Bertha R.	do	525.00	
Miller, Carrie N.	do	525.00	
Mitchell, Evelyn.	Stenographer, at \$900.	900.00	
Montrose, Carrie T.	Clerk (temporary), at \$900.	820.00	
Moore, Mary E.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Morrell, Minnie.	do	702.50	17.25
Mulford, A. P.	Clerk, at \$900.	405.00	111.15
Munger, Lillian A.	do	850.00	
Murdock, W. B.	do	900.00	
Neal, Nellie.	Clerk, stenographer, and typewriter, at \$900.	737.50	
Noble, Laura F.	Clerk (temporary), at \$900.	899.50	
Noyes, Louise M.	do	891.00	
Nugent, Ella M.	Clerk, at \$900.	525.00	
Olesen, Kathryn.	Clerk, stenographer, and typewriter, at \$900.	847.50	18.00
O'Toole, Judith F.	do	897.50	
Pagett, N. Lucille.	do	900.00	
Peterson, Mary.	Clerk, at \$900.	86.25	
Phillips, Esther.	do	225.00	
Pirkey, M. Uvar.	do	237.50	
Protzman, E. M.	Stenographer, at \$900.	775.00	29.25
Rea, Eleanor M.	Clerk, at \$900.	900.00	
Reel, A. E. Ford.	do	630.00	
Riordan, Annie L.	Clerk, stenographer, and typewriter, at \$900.	427.50	
Rice, Mary E.	do	185.00	
Riddell, Laura G.	Clerk, at \$900.	900.00	655.78
Ring, Mary L.	do	900.00	
Robertson, Helen B.	Clerk, stenographer, and typewriter, at \$900.	242.50	
Rogers, Harvey P.	Clerk, at \$900.	702.50	
Rosenquist, Hilda.	Clerk, stenographer, and typewriter, at \$900.	900.00	
Ryan, Elizabeth.	Clerk, at \$900.	525.00	
Sanderlin, Pattie.	do	285.00	
Schmidt, Carl H.	do	327.50	
Shears, Nellie M.	Clerk, stenographer, and typewriter, at \$900.	105.00	
Sherman, Minet E.	Clerk, at \$900.	862.50	
Sinclair, F. L.	do	87.50	
Slosson, Edna E.	do	715.00	
Smith, Gertrude.	Clerk, stenographer, and typewriter, at \$900.	277.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Marie.....	Clerk, at \$900.....	\$792.50	
Smith, Rosalie.....	do.....	227.50	
Spencer, Lura.....	do.....	555.00	
Spencer, Mayme A.....	Clerk, stenographer, and typewriter, at \$900.....	525.00	
Stauffer, Ema R.....	do.....	707.50	
Steinemann, L. C.....	do.....	655.00	\$8.25
Stewart, Annie L.....	do.....	900.00	
Stewart, Zella.....	do.....	132.50	
Stockton, W. L.....	Clerk, at \$900.....	652.50	40.10
Taylor, Evelyn.....	Clerk (temporary), at \$900.....	255.00	
Todd, Nellie M.....	Clerk, stenographer, and typewriter, at \$900.....	155.00	
Towles, H. O.....	Clerk (temporary), at \$900.....	215.00	
Trainor, Sue.....	Clerk, at \$900.....	825.00	
Trousdale, Kyle.....	do.....	572.50	
Waters, F. Ruth.....	Clerk, stenographer, and typewriter, at \$900.....	190.00	
Waters, Margurite T.....	do.....	850.00	115.30
Ware, Abbeye.....	do.....	390.00	
Weller, Mary.....	Clerk (temporary), at \$900.....	10.00	
Wessler, L. E.....	Clerk, stenographer, and typewriter, at \$900.....	860.00	
Westlake, Beulah E.....	Clerk, at \$900.....	112.50	
Whitcomb, Roselle A.....	do.....	810.00	11.30
Williamson, Laura E.....	Clerk, stenographer, and typewriter, at \$900.....	860.00	21.75
Wilson, Ruth E.....	Clerk, at \$900.....	37.50	
Wise, May.....	Clerk, stenographer, and typewriter, at \$900.....	872.50	63.00
Wooster, R. Elaine.....	Clerk, at \$900.....	900.00	
Yates, Blanche M.....	do.....	300.00	
Yates, Nellie.....	do.....	525.00	
Young, Jessie.....	do.....	375.00	
Christensen, Luella.....	Clerk, at \$720.....	650.00	
Coursey, Crete.....	Clerk, stenographer, and typewriter, at \$720.....	137.00	
Greathouse, B. L.....	Clerk, at \$720.....	431.50	
Hull, Eleanor.....	Clerk, stenographer, and typewriter, at \$720.....	90.00	
Hurst, Margaret.....	do.....	710.00	
McCloskey, A. G.....	Clerk, at \$720.....	198.00	
Wallace, Margaret L.....	Clerk, at \$700 and \$900.....	482.50	13.15
Harris, Della M.....	Clerk, at \$600 and \$900.....	850.00	
Pack, Julia T.....	Clerk, at \$600.....	203.33	
Peel, Ruby M.....	Clerk, at \$2 per day and \$900 per annum.....	891.50	
McMillin, Alice.....	Clerk, stenographer, and typewriter, at \$2 per day.....	51.00	
Rush, May.....	Clerk, at \$2 per day.....	107.00	
Reser, R. D.....	Stenographer and typewriter, at \$180.....	60.00	
Buckner, Joel T.....	Forest clerk, at \$1,200 and \$1,200.....	1,230.00	54.52
Bryant, Cunno R.....	Forest clerk, at \$1,200.....	36.67	
Collette, Jos. W.....	do.....	116.67	
Fish, Charles.....	do.....	66.67	
Miller, Clarence W.....	do.....	76.67	
Palmer, Lester E.....	do.....	96.67	
Stratton, Lee.....	do.....	36.67	
Thompson, Fred J.....	do.....	100.00	16.10
White, Harry M.....	do.....	30.00	
Thompson, Ralph W.....	Forest clerk, at \$1,100 and \$1,200.....	1,150.00	35.00
Bishop, William L.....	Forest clerk, at \$1,100.....	76.39	
Bock, Le Roy R.....	do.....	201.67	
Coulter, Bruce L.....	do.....	30.56	
Basil, H. Felts.....	do.....	42.78	20.25
Holt, Irving A.....	do.....	6.11	
Kenworthy, B. L.....	do.....	24.44	
Larson, Alfred P.....	do.....	33.61	13.55
Lincoln, Clement L.....	do.....	18.33	10.65
Mattson, Carl A.....	do.....	1,100.00	13.65
Schnieder, Frank E.....	do.....	88.61	9.10
Scott, James E.....	do.....	30.56	24.05
Scribner, Sidney C.....	do.....	51.95	23.20
Strembel, Harry L.....	do.....	85.56	
Wolcott, Leo F.....	do.....	91.67	26.10
Carroll, Frank K.....	Forest clerk, at \$1,080 and \$1,200.....	557.00	27.75
West, David Arnold.....	Forest clerk, at \$1,000 and \$1,200.....	388.88	
Wilson, Frances.....	Forest clerk, at \$1,000 and \$1,140.....	1,066.83	
Douglas, Frank C.....	Forest clerk, at \$1,000 and \$1,100.....	793.33	



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Blackhall, L. C.	Forest clerk, at \$1,000.	\$500.00	
Browning, Ralph H.	do.	458.34	\$10.85
Cunningham, Charles.	do.	485.00	
Dorius, Ray E.	do.	250.00	
Searle, E. A.	do.	375.00	
Forkelson, J. A.	do.	36.11	
Webb, R. E. L.	do.	530.56	27.55
Redlingshafer, H. L.	Forest clerk, at \$900, \$1,000, and \$1,200.	933.33	8.60
Bach, Lewis H.	Forest clerk, at \$900 and \$1,100.	911.67	
Beaty, Benjamin I.	do.	575.84	
Dickman, Philip V.	Forest clerk, at \$900 and assistant forest ranger, at \$1,100.	552.50	38.11
King, Edgar B.	Forest clerk, at \$900 and \$1,100.	158.33	
Whitney, Horace G.	Forest clerk, at \$900; forest guard, at \$900; assistant forest ranger, at \$1,100.	919.73	
Maur, Walter G.	Assistant forest ranger, at \$900, \$1,000, and \$1,100.	966.67	
MacMillan, Bessie M.	Forest clerk, at \$900, and clerk, stenographer and typewriter, at \$1,020.	900.00	
Morgan, Lewis C.	Forest clerk, at \$900 and \$1,020.	960.00	
Bullard, Clara G.	Forest clerk, at \$900 and \$1,000.	950.00	
Dorius, S. R.	do.	158.05	11.35
Stump, Edith.	do.	414.44	
Abbott, Maude.	Forest clerk, at \$900.	145.00	
Allem, Chas. R.	do.	727.50	
Anderson, Lois.	do.	900.00	
Anderson, Stanley R.	do.	367.50	
Baldwin, Earl E.	do.	220.00	
Barnes, Bert D.	do.	375.00	
Barrett, Walter A.	do.	120.00	
Blakely, Carrie D.	do.	900.00	5.65
Bomham, Vada.	do.	375.00	
Bowers, Carrie.	do.	757.00	
Brown, Bessie E.	do.	260.00	
Brown, Mabel.	do.	382.50	
Castle, Rita A.	do.	375.00	
Colvin, Nora.	do.	900.00	
Cook, Elizabeth M.	do.	600.00	16.65
Cook, Frederick M.	do.	72.50	
Cook, Mrs. Helen.	Forest clerk (temporary), at \$900.	75.00	
Cox, Warren M.	Forest clerk, at \$900.	925.00	32.05
Crawford, A. H.	do.	75.00	
Dillon, Nellie E.	do.	420.00	
Ellmaker, Harlan D.	do.	440.00	
Ezell, Bettie.	do.	395.00	
Flemming, Thomas.	do.	450.00	
Frazier, Ruth.	do.	62.50	
Freedner, Clara.	do.	702.50	
Frey, Esther D.	do.	795.00	
Geyler, Richard E.	do.	230.00	
Gibbons, Mollie E.	do.	533.75	
Graeter, Oline C.	do.	900.00	
Harris, Henry F.	do.	160.00	
Harsh, Blanche.	do.	102.50	
Hawbaker, C. C.	do.	127.50	
Henry, Robert W.	do.	450.00	
Hess, Lewis W.	do.	750.00	
Hocking, Edna C.	do.	75.00	
Hodges, Charles A.	do.	200.00	
Holcomb, Walter E.	do.	900.00	17.00
Holt, Rena B.	do.	40.00	
Jensen, Margaret E.	do.	900.00	
Johnson, Ross H.	do.	277.50	27.65
Johnston, Calla F.	do.	545.00	
Jones, Annie C.	do.	220.00	
King, Adelaide G.	do.	490.00	
Knudson, Thyra O.	do.	450.00	
Kremer, Lucy M.	do.	312.50	
La Rue, Chas. M.	do.	70.00	
Leech, Rose Hughes.	do.	900.00	
Likes, Lucy O.	do.	752.50	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lindsey, Lillian	Forest clerk, at \$900.	\$70.00	
Lloyd, Thomas D.	do.	197.50	
Lyon, Allen R.	do.	260.00	\$11.27
McCarthy, Catherine	do.	5.00	
McCartney, Leta N.	Forest clerk (temporary), at \$900.	15.00	
McDougald, Margaret	Forest clerk, at \$900.	300.00	
McFadden, Margaret	do.	900.00	
McGinnis, Isabel	do.	900.00	
Martin, Ella L.	do.	900.00	11.15
Melvyn, Vera	do.	420.00	
Merritt, Mrs. M. L.	do.	177.50	
Miller, Georgene L.	do.	495.00	
Moore, Belva L.	do.	650.00	
Mordy, Isabel H.	do.	510.00	
Mueller, Walter H.	do.	300.00	
Munroe, Grace	do.	898.06	16.40
Neal, Nellie	do.	162.50	15.99
Near, Dwight H.	do.	772.50	
Nelson, Simon	do.	900.00	
Neville, Edward W.	do.	190.00	
Newell, Erma A.	do.	730.00	
Palmer, Charles A.	do.	800.00	79.20
Patchin, Edna	do.	900.00	
Pond, Marjorie	do.	377.50	
Roberts, Elizabeth	do.	507.50	
Rose, W. Russell	do.	322.50	
Ruth, Mrs. T. B.	do.	80.00	
Schwartz, Walter W.	do.	715.00	
Seeley, Verna	do.	842.50	
Shank, Ernest E.	do.	900.00	8.50
Shearer, Carrie H.	do.	750.00	
Sheridan, Lillian	do.	900.00	10.40
Shoemaker, B. M.	do.	420.00	
Shoup, Elsie C.	do.	150.00	
Skeels, Charles A.	do.	267.50	
Smith, Olive L.	do.	172.50	
Snow, Hattie N.	do.	75.00	
Springer, E. L.	do.	445.00	
Steeley, K. M.	do.	747.50	
Stephens, Robert D.	do.	195.00	
Thomson, Grace	do.	75.00	
Tyler, H. C.	Forest clerk (temporary), at \$900.	205.00	27.00
Weber, Fred	Forest clerk, at \$900.	900.00	13.75
Wertz, Adda B.	Forest clerk, stenographer, and typewriter, at \$900.	375.00	
Wertz, June H.	Forest clerk, at \$900.	900.00	
Wilkins, Edna C.	do.	785.00	
Wools, Lula T.	do.	833.75	37.80
Yoran, Louise	do.	900.00	
York, Lee R.	do.	490.00	
Jeffrey, Emily	Forest clerk, at \$720 and \$900.	870.00	
Perry, Mary A.	do.	807.50	
Warren, Alice	do.	796.00	
Allen, Helen A.	Forest clerk, at \$720.	126.98	
Armstrong, Aubrey	do.	252.00	
Cotter, Ethel S.	Forest clerk, stenographer, and typewriter, at \$720	90.00	
Day, Bessie W.	Forest clerk, at \$720.	120.00	
Garing, Althea	do.	158.00	
Hodgin, Earl F.	do.	240.00	
Hone, Myrtle	do.	360.00	
O'Brien, Annie D.	do.	668.00	
Rix, Violet M.	do.	60.00	
Tenney, Daisy O.	do.	60.00	
Tuhy, Gertrude	Forest clerk, at \$780.	130.00	
Jarvis, Ethel	Forest clerk, at \$600 and \$900.	800.00	
Brough, Ralph	Forest clerk, at \$600.	350.00	
Campbell, Emma	do.	193.33	
Shurtz, Bessie	do.	481.67	
Lawrence, Edith	Forest clerk, at \$2.50 per day and \$900 per annum.	696.25	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Childers, Gladys R.....	Clerk, stenographer, and typewriter, at \$2 per day, and Forest clerk, at \$900 per annum.	\$525.00	.....
Calvert, Chas. P.....	Draftsman, at \$1,500.....	1,312.50	\$204.00
Borgfeldt, R. E. L.....	Art draftsman, at \$1,400.....	1,400.00	.....
Gosern, Charles B.....	Draftsman, at \$1,400.....	408.34	.....
Forster, Wm. J.....	Draftsman, at \$1,380.....	628.66	91.35
Haring, C. E.....	Copyist, topographical draftsman, at \$1,320.....	660.00	6.15
Hilton, George.....	Draftsman, at \$1,260.....	364.00	88.40
Chick, Edward A.....	Draftsman, at \$1,200.....	383.34	.....
Farmer, Chas. E.....	do.....	93.33	.....
Hamilton, Edwin C.....	Draftsman (temporary), at \$1,200.....	500.00	.....
Keefer, Frank C.....	do.....	196.67	.....
Ryas, Fred S.....	Draftsman, at \$1,200.....	373.33	.....
Shumate, J. G.....	do.....	1,200.00	.....
Sutherland, Otho M.....	Mechanical draftsman, at \$1,200.....	100.00	.....
Robertson, R. H.....	Copyist, topographical draftsman, at \$1,140.....	570.00	.....
Bonner, Frank E.....	Draftsman (temporary), at \$1,080 and \$1,200.....	657.67	12.20
Shafer, Florence I.....	Copyist, topographical draftsman, at \$1,080.....	1,080.00	.....
Sorensen, Antone C.....	do.....	45.00	.....
DeValin, Ellen S.....	Copyist, topographical draftsman, at \$1,000 and \$1,100.....	1,050.00	.....
Velters, V. Logan.....	Draftsman, at \$1,000 and \$1,100.....	852.78	1.50
Baron, A. W.....	Draftsman (temporary), at \$1,000.....	555.56	.....
Haselton, George I.....	do.....	108.33	.....
Kuphal, Herbert H.....	do.....	250.01	.....
Munce, Stella W.....	Draftsman, at \$1,000.....	830.55	71.40
White, R. Alan.....	do.....	250.00	.....
Beuschel, L. E.....	Draftsman, at \$900.....	135.00	.....
Fitch, Byron L.....	do.....	105.00	.....
Iatham, Ella C.....	Topographical draftsman, at \$900.....	525.00	.....
Noves, Clare B.....	Copyist, topographical draftsman, at \$900.....	262.50	.....
Soderstrum, J. P.....	Draftsman, at \$900.....	370.00	.....
Wayloe, Imogen I.....	Copyist, topographical draftsman, at \$900.....	262.50	.....
Whitaker, J. A.....	Forest guard, at \$720, and draftsman (temporary), at \$900.....	97.50	.....
Smith, Helen B.....	Map colorist, at \$900 and \$960, and topographical draftsman, at \$1,100.....	422.17	.....
Cottrell, Laura W.....	Map colorist, at \$900.....	450.00	.....
Bouser, Florence.....	Colorist (temporary), at \$900.....	217.50	.....
Bowser, Harry.....	do.....	230.00	.....
Hollberg, A. R.....	Map colorist, at \$900.....	900.00	.....
Walker, Daisy R.....	do.....	825.00	.....
Whisler, Fred H.....	Colorist (temporary), at \$900.....	150.00	.....
Erickson, Edwin C.....	Sealer, at \$1,400.....	1,400.00	316.73
Kidd, John K.....	do.....	1,400.00	457.65
LeGrand, Nelson L.....	do.....	1,092.79	495.45
McKay, jr., Duncan.....	Lumber sealer, at \$1,400.....	1,400.00	337.64
Rush, Frank.....	Game warden, at \$1,200 and \$1,400.....	1,369.00	341.83
Owens, James T.....	Game warden, at \$1,200.....	1,200.00	.....
Benedict, Miller S.....	Forest ranger, at \$1,400 and \$1,600.....	1,500.00	463.00
Bradish, W. N.....	Forest ranger, at \$1,400.....	1,400.00	91.45
Cooley, Charles F.....	do.....	1,361.11	23.75
Farley, George.....	do.....	1,400.00	.....
Kueny, Frank A.....	do.....	785.53	126.50
Mainwaring, Ed. S.....	do.....	1,400.00	53.20
Marshall, Daniel S.....	do.....	1,388.33	.....
Martin, Drayton C.....	do.....	1,088.89	7.10
Mathews, Harry E.....	do.....	1,400.00	115.16
Poggo, Ulrich C.....	do.....	1,400.00	205.10
Thain, James G.....	do.....	1,259.99	.....
Tibbetts, Sewell S.....	do.....	1,400.00	90.50
Wilkerson, N. E.....	do.....	1,368.89	36.95
Wrensted, Peter T.....	do.....	1,353.33	21.05
Johnson, Lewis R.....	Forest ranger, at \$1,300, and lumberman, at \$1,500.....	1,449.44	477.65
Ashlock, Norman S.....	Forest ranger, at \$1,400 and \$1,300.....	1,310.29	91.45
Johnson, Benj. F.....	Forest ranger, at \$1,300, and deputy forest supervisor, at \$1,400.....	1,009.99	167.02
Kelly, Evan W.....	Forest ranger, at \$1,300 and \$1,400.....	1,330.00	590.59



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wellman, Holbrook.....	Forest ranger, at \$1,300, and deputy forest supervisor, at \$1,400.	\$1,346.38	\$231.33
Allred, J. Carl.....	Forest ranger, at \$1,300.....	1,300.00	24.35
Armentrout, E. S.....	do.....	1,300.00	29.33
Babbitt, Woodford R.....	do.....	866.68	9.90
Bartlett, Arthur W.....	do.....	1,271.11	.....
Benedict, Lewis.....	do.....	1,292.78	99.15
Black, Charles.....	Forest ranger, at \$1,300, and grazing assistant, at \$1,300.	1,300.00	288.24
Brownlow, Oliver P.....	Forest ranger, at \$1,300.....	1,300.00	257.85
Christiansen, P.....	do.....	1,263.88	101.75
Douglas, Ausburn H.....	do.....	1,300.00	186.37
Douglas, Stephen H.....	do.....	1,166.38	.....
Fenton, Patrick A.....	do.....	1,058.05	24.00
Hepburn, Edwin D.....	do.....	975.00	58.50
Jeken, Frederic J.....	do.....	1,300.00	255.95
Kaufman, Harry S.....	do.....	1,224.18	290.27
Kelso, William B.....	do.....	1,300.00	20.00
Marston, Lea.....	do.....	1,296.38	34.90
Maryott, Dana W.....	do.....	1,267.50	115.30
Mullison, John H.....	do.....	866.67	137.85
Neff, William C.....	do.....	1,300.00	60.00
Noddin, John T.....	do.....	1,300.00	66.50
Parker, Thomas H.....	do.....	1,281.94	59.95
Patterson, John H.....	do.....	1,300.00	36.00
Phelps, William A.....	do.....	436.94	1.60
Searcy, Elmore W.....	do.....	1,300.00	52.47
Smith, R. E.....	do.....	1,014.73	286.82
Snodgrass, Perry L.....	do.....	1,267.50	98.24
Squires, John F.....	do.....	1,300.00	93.10
Sullens, J. Milton.....	do.....	1,274.72	214.80
Taylor, William B.....	do.....	1,245.84	.....
Thenon, Edward.....	do.....	1,300.00	24.60
Fisher, Charles A.....	Forest ranger, at \$1,200 and \$1,500.....	1,250.00	1,244.03
Blankenship, S. A.....	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.	1,284.44	189.46
Bowers, Walter F.....	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.	1,285.01	160.45
Bradner, George.....	Forest ranger, at \$1,200 and \$1,400.....	185.00	16.28
Bushnell, Howard S.....	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.	1,300.00	121.98
Jennings, Charles H.....	do.....	1,300.00	141.57
Winn, Frederic.....	do.....	1,300.00	257.06
Adamson, Jessie W.....	Forest ranger, at \$1,200 and \$1,300.....	1,213.89	9.45
Alexander, Leslie.....	do.....	1,250.00	.....
Alsop, John D.....	do.....	1,086.67	25.50
Bach, James F.....	do.....	1,213.89	16.10
Birdno, George H.....	do.....	1,250.00	12.55
Bowen, W. Jones.....	Forest ranger, at \$1,200, and forest assistant, at \$1,300.	1,250.00	24.75
Carpenter, Grant.....	Forest ranger, at \$1,200 and \$1,300.....	981.94	64.72
Chamberlain, C. A.....	do.....	1,196.12	202.62
Clark, John H.....	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300.	1,250.00	58.80
Cleaveland, Horace A.....	Forest ranger, at \$1,200 and \$1,300.....	1,236.39	103.35
Cuenin, Joseph N.....	do.....	1,250.00	109.93
DeGroot, Peter.....	do.....	874.45	48.90
DeLong, James H.....	do.....	1,192.51	19.00
Donery, Joseph A.....	do.....	1,250.00	95.26
Gray, Charles T.....	do.....	1,145.27	331.80
Hall, Henry C.....	do.....	1,245.54	84.10
Hays, Samuel R.....	do.....	1,250.00	141.45
Hazzard, William H.....	do.....	1,128.33	39.41
Helfrich, Frank.....	Forest ranger, at \$1,300.....	1,250.00	139.83
Henrie, S. E.....	Forest ranger, at \$1,200 and \$1,300.....	1,203.24	15.75
Hubbard, Guy N.....	do.....	1,250.00	85.43
Jones, Edward E.....	do.....	1,250.00	99.85
Joy, Francis E.....	do.....	1,246.67	73.55
Kerley, David H.....	do.....	1,213.89	18.45

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lems, Albert W.....	Forest ranger, at \$1,200 and \$1,300.....	\$1,250.00	\$73.90
McCall, James D.....	do.....	1,250.00	2.60
Morgenroth, Christ.....	do.....	1,141.67	256.95
Porter, Joseph J.....	do.....	1,200.00	27.05
Power, William H.....	do.....	1,240.00	107.90
Riddle, Wallace M.....	do.....	1,239.17	30.00
Rushing, William J.....	do.....	1,250.00	525.92
Ruth, Thomas B.....	do.....	1,199.45	120.37
Smith, Wm. Wiley.....	do.....	1,195.00	27.50
Strawn, Alfred L.....	do.....	1,136.66	33.33
Streit, Joseph W.....	do.....	1,250.00	34.25
Watkins, Thomas J.....	do.....	1,226.67	34.60
Ainger, Fred E.....	Forest ranger, at \$1,200.....	1,200.00	217.95
Ammon, Junius L.....	do.....	600.00	.....
Anderson, Joseph F.....	do.....	1,150.00	10.75
Bald, George A.....	do.....	1,000.01	.....
Berglund, Abel C.....	do.....	1,190.00	10.96
Bradley, Richard N.....	do.....	1,163.33	.....
Brockbank, John P.....	do.....	1,173.33	60.75
Bunker, Ernest C.....	do.....	1,200.00	136.26
Castle, Harry L.....	do.....	1,190.00	125.10
Cougleton, C. S.....	do.....	1,200.00	614.50
Conrad, Alfred B.....	do.....	1,200.00	481.62
Crandell, Lemuel D.....	do.....	743.33	10.25
Derrick, Walter J.....	do.....	1,200.00	78.85
Eastland, Joseph C.....	do.....	1,050.00	2.50
Fay, Walter A.....	do.....	400.00	.....
Fisher, George A.....	do.....	1,100.00	.....
Flourney, Robert W.....	do.....	1,093.33	54.35
Fraser, Wm. R.....	do.....	1,200.00	77.00
Gooldy, Penn L.....	do.....	1,193.33	52.50
Harris, Alfred E.....	do.....	1,200.00	89.25
Hays, Jr., John W.....	do.....	200.00	.....
Heavey, Ed. H.....	do.....	1,146.67	141.15
Hilman, Benj. C.....	do.....	1,196.67	138.90
Herrig, Fred.....	do.....	1,186.66	.....
Hettinger, August.....	do.....	1,156.66	73.45
Hilton, Franklin P.....	do.....	1,163.34	6.00
Hinderer, Edward A.....	do.....	1,160.00	.....
Hjort, Carl K.....	do.....	1,200.00	117.97
Hughes, Fred E.....	do.....	100.00	6.10
Humphrey, Joseph W.....	do.....	1,146.66	71.75
Jacques, Thomas E.....	do.....	1,096.67	49.45
Jones, John D.....	do.....	303.33	439.20
Klein, Oswald H.....	do.....	1,186.67	7.83
Lee, Charles W.....	do.....	1,100.00	98.25
Liben, John B.....	do.....	1,120.00	.....
Lovelace, Byron O.....	do.....	1,193.33	224.02
Luccock, J. P.....	do.....	1,200.00	256.00
Lyon, Robt. G.....	do.....	120.00	.....
McAllister, Martin L.....	do.....	1,200.00	28.60
McCoy, Wm. H.....	do.....	1,193.33	51.85
McDonald, R. D.....	do.....	1,200.00	179.43
McLeod, Malcolm.....	do.....	1,186.67	.....
McMillin, Chas. E.....	do.....	804.17	8.40
Mark, Clarence A.....	do.....	1,200.00	83.59
Matheson, Bernard E.....	do.....	1,163.33	92.03
Nichols, William J.....	do.....	1,200.00	345.97
Pack, John A.....	do.....	1,200.00	.....
Ranney, George F.....	do.....	1,200.00	26.80
Reid, Joseph W.....	do.....	1,200.00	53.00
Reyes, Jacinto D.....	do.....	1,063.33	.....
Robinson, Walter C.....	do.....	1,200.00	31.65
Rose, Hyrum O.....	do.....	1,183.33	40.85
Rosencrans, Rudolph.....	do.....	1,200.00	.....
Rudd, Davis B.....	do.....	1,173.33	59.40
Sears, Willard L.....	do.....	1,200.00	50.90
Shurtz, Ambrose.....	do.....	230.00	3.00
Sivertson, John S.....	do.....	1,200.00	72.24

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Elias H.	Forest ranger, at \$1,200.	\$1,200.00	\$54.00
Snyder, Arthur.	do.	1,083.33	57.81
Stevens, Horace H.	do.	306.67	
Stewart, John.	do.	1,023.34	115.99
Stoddard, Carl.	do.	1,113.33	
Swim, Clarence B.	do.	1,200.00	199.12
Tungate, Ira.	do.	339.99	9.90
Whitney, Frederick D.	do.	1,113.33	
Williams, David H.	do.	1,200.00	64.55
Homer, Ross.	Forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400.	1,024.45	320.25
Arthur, O. Fred.	Forest ranger, at \$1,100 and \$1,200.	1,150.00	91.25
Benham, Henry L.	do.	1,067.22	22.80
Chirington, Harry H.	do.	1,150.00	185.40
Crow, Glenburn H.	Forest ranger, at \$1,100.	1,069.44	
McNamara, John A.	do.	366.66	6.00
Face, Wilford.	do.	1,100.00	23.90
Payne, Ernest D.	do.	953.89	4.65
Peregoy, Harry H.	do.	840.25	14.50
Reynolds, Albert.	do.	821.94	
Tompkins, Frank.	do.	351.39	9.80
Bonham, John P.	Forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,050.00	55.30
Huffman, Wm. P.	Forest ranger, at \$1,000 and \$1,100.	1,050.00	24.20
McAnally, Knox.	Forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,050.00	140.45
Webber, H. B.	Forest ranger, at \$900 and \$1,100.	966.39	20.40
Campbell, Walter M.	Deputy forest ranger, at \$1,400.	1,310.54	189.61
Patterson, Chas. F.	Deputy forest ranger, at \$1,300.	1,155.56	110.95
Pond, Russell C.	Deputy forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.	953.89	121.85
Fishel, Earnest E.	Deputy forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300.	816.66	66.95
Harris, Lee A.	Deputy forest ranger, at \$1,200, and forest ranger, at \$1,300.	1,192.23	863.22
Farrar, C. L.	Deputy forest ranger, at \$1,200.	193.33	93.93
Gribble, John E.	Deputy forest ranger, at \$1,200, and assistant forest ranger, at \$1,200.	1,200.00	761.33
Haines, Roscoe.	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400.	1,192.23	214.83
Billings, Nelson J.	Deputy forest ranger, at \$1,100, and forest ranger and grazing assistant, at \$1,300.	994.17	316.30
Christiansen, J. N.	Deputy forest ranger, at \$1,100 and \$1,300.	1,057.22	111.00
Elder, Jason S.	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,300.	1,200.00	172.73
Gribble, Elmer W.	do.	990.56	43.70
Hopping, Ralph.	do.	1,200.00	150.10
Johnston, Don P.	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,300.	1,200.00	619.70
Leavitt, Scott.	do.	1,200.00	109.25
Thomas, Bradley M.	do.	1,200.00	243.70
Viles, Harry C.	do.	1,023.05	52.80
West, Thomas C.	do.	1,196.94	326.19
Wiley, M. B.	do.	1,186.24	135.75
Abbott, Albert J.	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	1,150.00	96.90
Acord, Thomas.	do.	1,146.67	63.85
Bailey, James D.	do.	1,026.12	139.60
Benson, John C.	do.	1,121.67	11.90
Blankenship, E. O.	do.	1,113.33	87.45
Bletcher, Winfred B.	do.	1,150.00	56.20
Black, Edwin.	do.	1,146.67	33.40
Blocker, Sam A.	do.	1,150.00	177.10
Bonebrake, Geo. A.	do.	806.66	56.85
Brough, Walter F.	do.	1,143.33	22.60
Bucher, A. J.	do.	1,136.67	3.50
Chamberlin, Geo. W.	do.	1,125.55	121.07
Cooper, Warren M.	do.	1,150.00	40.00
Crawford, C. L.	do.	1,150.00	24.00
David, John E.	do.	1,150.00	15.55
Dwire, Carroll R.	do.	1,150.00	196.58



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Emery, Oscar A.....	Deputy forest ranger, at \$1,100 and \$1,200.....	\$1,104. 16	\$70. 53
Erickson, Nell.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 150. 00	104. 35
Ezell, Sumner T.....	do.....	1, 150. 00	106. 70
Fay, Herbert B.....	do.....	1, 146. 67	96. 90
Fisher, Jerry J.....	do.....	1, 054. 73	74. 45
Fisk, Dannie W.....	do.....	1, 150. 00	23. 50
George, Clarence L.....	Deputy forest ranger, at \$1,100 and \$1,200.....	1, 143. 89	121. 95
Graham, Frank A.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 150. 00	50. 35
Gray, John T.....	do.....	1, 150. 00	301. 30
Hall, Harry C.....	Deputy forest ranger, at \$1,100, and forest ranger and deputy forest supervisor, at \$1,200.....	1, 150. 00	205. 55
Hardy, Albert A.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 113. 33	42. 33
Harkness, Daniel D.....	do.....	1, 150. 00	124. 40
Hart, Fred G.....	do.....	1, 116. 38	.....
Hastings, Lucas W.....	do.....	1, 150. 00	177. 25
Haun, Frank D.....	do.....	1, 107. 22	40. 55
Herrick, C. E.....	do.....	1, 116. 67	27. 30
Jarvis, Charles E.....	do.....	1, 150. 00	16. 35
Johnson, William P.....	do.....	1, 150. 00	190. 43
Jones, Birtsal W.....	Deputy forest ranger, at \$1,100 and \$1,200.....	1, 150. 00	91. 80
Lee, Alfred T.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 150. 00	67. 90
Leese, James P.....	do.....	1, 146. 67	84. 74
Linscott, Sam S.....	do.....	1, 150. 00	53. 55
Long, Harry H.....	do.....	1, 150. 00	58. 84
Longwell, T. B.....	do.....	1, 150. 00	404. 80
McClain, J. Fred.....	do.....	920. 56	70. 10
McNamara, H. A.....	do.....	989. 43	32. 25
Maelzer, Julius O.....	do.....	1, 150. 00	211. 85
Martin, Geo. E.....	do.....	1, 150. 00	.....
Mercer, Thomas L.....	do.....	1, 150. 00	4. 25
Merrill, Gerald.....	do.....	1, 150. 00	62. 80
Miller, Albert H.....	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,200.....	1, 150. 00	354. 60
Miller, George.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 150. 00	44. 05
Mitchell, Frank H.....	do.....	1, 150. 00	11. 50
Moody, Joseph M.....	Deputy forest ranger, at \$1,100 and \$1,200.....	1, 109. 44	.....
Morgan, Lewis T.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 131. 66	21. 50
Musgrave, M. E.....	do.....	883. 89	59. 75
Musick, Walter G.....	do.....	1, 130. 27	78. 25
Oden, C. V.....	do.....	1, 136. 67	60. 65
Pierpont, Russell B.....	do.....	920. 00	125. 30
Pitchlynn, Paul G.....	do.....	1, 150. 00	587. 23
Platten, Fred.....	do.....	1, 133. 89	72. 40
Plowman, John R.....	do.....	1, 143. 62	34. 00
Redstone, Albert E.....	do.....	1, 150. 00	5. 70
Reynolds, Amasa O.....	do.....	1, 136. 94	.....
Richardson, J. F.....	do.....	1, 150. 00	339. 55
Rodgers, Robert A.....	do.....	1, 150. 00	74. 50
Rudd, W. M., jr.....	do.....	1, 150. 00	.....
Ryan, Josephus.....	Deputy forest ranger, at \$1,100 and \$1,200.....	1, 150. 00	42. 30
Say, Arthur P.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 046. 67	19. 95
Shurtz, Josiah.....	do.....	1, 010. 00	.....
Simmons, J. A.....	do.....	1, 136. 67	70. 95
Smith, Richard L.....	Deputy forest ranger, at \$1,100, and assistant forest ranger, at \$1,200.....	1, 063. 34	83. 60
Smith, W. W.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1, 068. 33	.....
Snow, Ellis B.....	do.....	980. 28	22. 35
Sobey, Frank P.....	do.....	1, 150. 00	38. 25
Sobey, Robert T.....	do.....	1, 120. 00	69. 39
Stockwell, A. G.....	Deputy forest ranger, at \$1,100 and \$1,200.....	1, 063. 33	55. 95

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Swan, Wm.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	\$1,150.00	\$18.90
Thompson, Claude.....	do	899.73	16.80
Tuft, Albert H.....	do	1,036.39	24.65
Tully, Eugene.....	do	1,113.34	24.55
Van Dyke, C. M.....	do	1,150.00	421.55
Wagner, Frank H.....	do	1,098.07	13.09
Waters, Roy G.....	do	1,140.83	.....
Westfall, James F.....	do	1,150.00	35.00
Wilson, Emery E.....	do	909.33	38.65
Woolstruhne, T. E.....	do	909.72	.....
Yarnall, Silas N.....	do	1,127.78	21.50
Young, Carl H.....	do	1,146.94	121.51
Allen, Samuel P.....	Deputy forest ranger, at \$1,100.	.....	1.20
Alles, Conrad.....	do	733.33	77.16
Alverson, John E.....	do	928.98	22.75
Arnold, Asa G.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	714.99	.....
Averett, Murray.....	Deputy forest ranger, at \$1,100.	1,100.00	253.00
Baker, William W.....	do	207.77	8.90
Barnard, John.....	do	1,081.66	20.37
Bish, Edward.....	do	1,100.00	37.44
Blake, Francis G.....	do	583.61	55.75
Boram, William W.....	do	1,029.72	.....
Bosse, William L.....	do	1,078.61	39.17
Bradford, Fred M.....	do	366.66	14.50
Brannan, Henry W.....	do	1,100.00	16.50
Buchholz, James O.....	do	675.27	26.00
Burke, Thomas J.....	do	1,100.00	82.50
Bushnell, Howard C.....	do	825.00	.....
Carlow, W. A., jr.....	do	861.66	.....
Castle, Chas. L.....	do	1,100.00	87.58
Chapin, G. B.....	do	1,075.55	25.50
Christensen, Theo.....	do	916.66	3.70
Clay, S. H.....	do	1,072.50	7.45
Clyde, John D.....	do	1,078.61	.....
Coleman, Oliver S.....	do	1,100.00	.....
Conley, Wm. O.....	do	1,002.21	17.00
Conolon, Joseph F.....	do	870.83	48.15
Cooke, Joseph E.....	do	715.00	10.10
Couch, Edmund.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	1,100.00	40.05
Davison, Edgar B.....	Deputy forest ranger, at \$1,100.	690.54	.....
Dean, Richard P.....	do	867.79	.....
Decker, Isaac W.....	do	1,100.00	136.41
De la Riva, A. G.....	do	1,953.05	.....
De Long, A. H., jr.....	do	1,100.00	52.70
Dinsmore, Thos. T.....	do	1,041.94	.....
Duffy, Bernard J.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	1,100.00	73.89
Magnus, J. Durant.....	Deputy forest ranger, at \$1,100.	1,032.79	96.73
Ervin, Hector F.....	do	91.66	.....
Eveleth, Ralph J.....	do	1,100.00	28.75
Ferguson, John A.....	do	1,084.72	39.25
Finley, Robert.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	1,100.00	69.35
Forsyth, Ronald G. H.....	Deputy forest ranger, at \$1,100.	754.73	.....
Gage, Charles P.....	do	1,041.95	93.20
Garrett, Ballard R.....	do	1,100.00	33.30
Garrett, William W.....	do	1,100.00	154.05
Gleason, Earl W.....	do	372.77	152.50
Gray, William W.....	do	1,020.55	.....
Hauks, Walter E.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	1,084.72	13.75
Hinst, Henry C.....	Deputy forest ranger, at \$1,100.	968.60	97.59
Hoffman, Albert H.....	Deputy forest ranger and assistant forest ranger, at \$1,100.	1,081.68	9.30
Hotelling, Wm. H.....	do	1,100.00	.....
Hoy, Abraham L.....	Deputy forest ranger, at \$1,100.	30.56	.....
Hurt, Abel Z.....	do	614.16	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kiermeyer, Isadore.....	Deputy forest ranger, at \$1,100.....	\$1,084.72	\$33.70
Layton, Andrew F.....	do.....	962.50	
Lewis, Lester J.....	do.....	183.33	7.35
Lewis, Paderson Y.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	56.85
Libon, Joseph J.....	Deputy forest ranger, at \$1,100.....	1,100.00	
Liebig, Frank F.....	do.....	1,100.00	3.70
Lowell, James J.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	68.80
McCarn, Frank.....	Deputy forest ranger, at \$1,100.....	550.00	
McCarthy, Francis F.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,087.77	4.50
McClure, Francis S.....	Deputy forest ranger, at \$1,100.....	366.66	
Mackelfresh, O. S.....	do.....	42.78	
Martin, A. D.....	do.....	601.95	
Maxfield, John D.....	do.....	1,100.00	228.40
Miller, Robert H.....	do.....	922.77	
Morgan, Harry N.....	do.....	1,100.00	31.00
Moyle, Sydney E.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,008.33	39.32
Muzzall, Henry W.....	Deputy forest ranger, at \$1,100.....	1,100.00	
Myers, Thomas G.....	do.....	1,051.11	
Patton, James W.....	do.....	1,100.00	44.65
Pemrock, Frank W.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	281.70
Peterson, jr., Lehl.....	Deputy forest ranger, at \$1,100.....	759.30	
Phillips, Bert G.....	do.....	948.05	127.60
Pratt, Samuel R.....	do.....	904.43	
Pritchard, John H.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,093.89	13.40
Prout, Joseph H.....	do.....	1,100.00	78.65
Rackliff, Thomas S.....	Deputy forest ranger, at \$1,100.....	1,090.83	53.00
Rawson, Alvin L.....	do.....	1,008.33	26.40
Reyes, Gerard V.....	do.....	1,026.67	
Rice, John W.....	do.....	821.95	165.60
Riggs, Blaine L.....	do.....	1,063.34	
Roberts, Arthur C.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	870.83	50.00
Robertson, A. V.....	Deputy forest ranger, at \$1,100.....	1,048.05	17.55
Robertson, Mark M.....	do.....	1,100.00	38.04
Sandercock, B. F.....	do.....	1,090.83	
Sease, Samuel J.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	
Servoss, Frank R.....	Deputy forest ranger, at \$1,100.....	1,100.00	31.90
Shelton, I. M.....	do.....	849.45	77.74
Sherman, James H.....	do.....	526.56	
Shields, John.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,090.84	
Smith, Edgar W.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,026.67	32.30
Smith, Foster C.....	Deputy forest ranger, at \$1,100.....	1,002.22	188.15
Smith, Frank T.....	do.....	1,100.00	12.75
Smith, Truman O.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,060.27	27.00
Snider, H. R.....	Deputy forest ranger, at \$1,100.....	1,100.00	
Soards, Roysten J.....	do.....	1,081.67	
Steele, J. W.....	do.....	1,072.49	24.60
Stell, William.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	4.00
Stone, Eugene M.....	do.....	1,023.62	63.14
Thomas, Frank W.....	Deputy forest ranger, at \$1,100.....	1,060.28	
Thompson, Charles C.....	do.....	1,081.67	12.75
Thorpe, Charles L.....	Deputy forest ranger and assistant forest ranger, at \$1,100.....	1,100.00	63.50
Van Winkle, H. F.....	Deputy forest ranger, at \$1,100.....	247.50	
Vinton, Alva J.....	do.....	1,100.00	11.35
Waara, J. William.....	do.....	152.77	25.40
Wasson, Thomas.....	do.....	458.33	
Wessel, Louis.....	do.....	1,100.00	82.50
Wheatley, John C.....	do.....	1,084.72	20.85



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Williamson, L. D.	Deputy forest ranger, at \$1,100	\$993.05	\$28.70
Wofford, Ardie K.	Deputy forest ranger and assistant forest ranger, at \$1,100.	550.00	
Wright, Adam H.	do.	1,100.00	267.69
Wright, Sylvanus.	Deputy forest ranger, at \$1,100	608.06	
Tanner, Earl B.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200 and \$1,400.	1,116.67	53.25
Beam, Charles A.	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,100 and \$1,400.	1,140.84	148.55
Hedrick, Frank.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,100, and \$1,200.	1,080.28	149.55
Benedict, Maurice A.	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,300.	1,113.89	364.23
Stahl, Edward G.	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,300.	1,085.00	166.30
Barringer, Henry P.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	1,100.00	33.45
Brown, Arthur J.	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,200.	1,072.23	113.95
Carin, George W.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	1,100.00	8.75
Cunningham, F. P.	Deputy forest ranger, at \$1,000 and \$1,200	1,100.00	114.50
Hughes, Fred E.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	1,000.00	
Miller, John M.	do.	1,100.00	94.89
Morrow, James O.	do.	1,083.33	66.32
Vinal, L. F.	do.	1,066.67	74.76
Abbey, Harvey.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,031.66	126.46
Alen, George H.	Deputy forest ranger, at \$1,000 and \$1,100	976.67	20.50
Allen, Grover A.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	794.44	38.85
Allen, John H. B.	Deputy forest ranger, at \$1,000 and \$1,100	981.66	27.00
Anderson, Charles H.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	979.72	
Anderson, Lewis H.	do.	970.57	26.90
Austin, Allen M.	Deputy forest ranger, at \$1,000 and \$1,100	911.00	
Barber, Jack R.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,004.17	238.60
Barnett, Joseph.	do.	1,050.00	64.25
Barstow, Glidden J.	do.	976.68	176.56
Barton, Walter S.	do.	987.63	
Bayer, Charles J.	do.	1,036.11	19.35
Beard, John D. F.	do.	1,009.16	18.75
Blevins, Leo A.	do.	845.28	56.90
Blundell, Ira W.	do.	1,035.27	4.35
Bond, Ernest C.	Deputy forest ranger, at \$1,000 and \$1,100	1,050.00	
Brown, Clarence A.	do.	675.00	27.20
Brown, Frank S.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	997.22	
Brown, Roland W.	do.	1,050.00	13.10
Brown, William J.	do.	955.55	70.80
Burr, Horace J.	do.	1,050.00	27.25
Butterfield, W. C.	do.	1,050.00	
Campbell, William A.	do.	902.77	75.71
Cayot, Frank B.	do.	1,018.60	20.97
Christensen, E. M.	do.	839.16	109.73
Cabley, Robert E.	do.	992.22	161.45
Clark, Fred B.	do.	1,050.00	71.77
Clark, Robert E.	do.	919.98	
Cockrell, Ora.	Deputy forest ranger, at \$1,000 and \$1,100	1,050.00	21.50
Cook, Warren E.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,050.00	19.65
Crockett, George D.	do.	1,050.00	65.95
Crow, George.	do.	1,050.00	18.00
Croxford, Harry.	do.	1,019.44	9.26
Currie, G. Hugh.	do.	1,050.00	
Darley, William M.	do.	943.06	559.25
Darling, William R.	do.	1,050.00	54.05
Deblitt, R. M.	do.	1,050.00	115.80
DeWitt, Jesse.	do.	775.00	16.05

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Donaldson, Walter A. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	\$1,050.00	\$94.90
Donnelly, William A. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	1,050.00	89.75
Downs, Newton V. ....	do. ....	1,050.00	48.75
Durbin, Martin S. ....	do. ....	1,050.00	63.26
Eckis, Daniel O. ....	do. ....	899.45	.....
Emerick, Walter F. ....	do. ....	985.83	.....
Fick, Charles H. ....	do. ....	976.67	27.00
Ficks, Clyde P. ....	do. ....	604.73	1.90
Finch, Emery J. ....	do. ....	1,050.00	43.55
Fitting, Louis. ....	do. ....	1,050.00	60.25
Fransham, Rhesis. ....	do. ....	1,000.00	36.85
Gallegos, Tibo. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	1,050.00	.....
Galgoly, James W. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	950.56	.....
Gerrish, Henry D. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	1,044.44	.....
Gillbreath, Earl R. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	1,050.00	278.10
Gilchrist, J. C. ....	do. ....	1,046.94	66.18
Granville, J. G. ....	do. ....	1,020.01	9.25
Graham, Fred. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	897.23	81.10
Graham, Joseph E. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	897.23	34.60
Gray, Frank E. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	1,050.00	125.60
Green, Otto T. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	1,050.00	216.60
Hammer, Leslie L. ....	Deputy forest ranger, at \$1,000 and \$1,100. ....	1,050.00	69.50
Hammond, H. B. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	1,050.00	95.60
Hansen, Hans T. ....	do. ....	1,050.00	41.55
Harris, Joseph A. ....	do. ....	845.28	36.75
Henderson, Sebird. ....	do. ....	1,019.44	8.65
Hockaday, M. W. ....	do. ....	1,050.00	84.57
Hou, Charles C. ....	do. ....	1,050.00	142.78
Hughes, John R. ....	do. ....	961.11	67.60
Hunt, Harry H. ....	do. ....	921.67	.....
Ivie, Ray. ....	do. ....	1,035.83	86.61
Johnson, Eugene L. ....	do. ....	926.39	.....
Johnson, Grafton F. ....	do. ....	1,050.00	.....
Kauffman, Harry E. ....	do. ....	1,050.00	38.20
Kendall, William H. ....	do. ....	921.67	106.90
Kennaday, A. J. ....	do. ....	775.00	19.02
Kottkey, Henry F. ....	do. ....	1,050.00	23.35
Landfeld, Paul. ....	do. ....	930.82	9.70
Lewis, R. O. ....	Deputy forest ranger at \$1,000 and \$1,100. ....	775.00	.....
Lucas, Lucius E. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100. ....	1,050.00	16.00
McAbee, James W. ....	do. ....	975.00	4.95
McCarthy, M. H. ....	do. ....	1,050.00	33.25
McCreery, Lewis N. ....	do. ....	955.98	.....
McCullough, W. A. ....	do. ....	1,040.83	5.20
McEwan, S. S. ....	do. ....	1,050.00	31.15
McPheters, Wallace. ....	do. ....	915.55	39.75
Marshall, Charles F. ....	do. ....	993.83	35.00
Martin, William C. ....	do. ....	946.67	.....
Milbury, William B. ....	do. ....	710.83	146.80
Miller, Charles N. ....	do. ....	1,008.33	53.24
Miller, Harvey H. ....	do. ....	1,021.39	27.35
Morris, Walter F. ....	do. ....	1,043.89	68.98
Mosimann, Louis H. ....	do. ....	1,050.00	120.87
Mundell, Lewis J. ....	do. ....	1,046.94	85.95
Murray, Martin A. ....	do. ....	1,046.94	3.50
Newman, Edward G. ....	do. ....	1,016.39	.....
Paddock, Wm. S. ....	do. ....	1,050.00	5.70
Pattan, Adelbert E. ....	do. ....	990.84	36.48
Pearson, C. L. ....	do. ....	918.61	57.95
Peltz, Robert L. ....	do. ....	1,050.00	10.70
Pestoni, John B. ....	do. ....	1,050.00	11.85
Peterson, Peter G. ....	do. ....	996.95	.....
Petit, Franklin P. ....	do. ....	1,047.22	93.67

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Pfost, C. W. ....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	\$1,050.00	\$29.30
Poore, James F. ....	do.	810.00	90.20
Porter, Gardner I. ....	do.	979.71	30.60
Pradt, Geo. K. ....	do.	1,050.00	44.24
Pratt, George L. ....	do.	566.66	107.35
Price, Norman B. ....	do.	1,050.00	40.40
Pyle, Lewis R. ....	do.	1,004.17	104.79
Rankin, H. D. ....	do.	1,050.00	210.51
Reed, George A. ....	do.	1,014.72	121.72
Reindorp, Cecil R. C. ....	do.	949.16	83.77
Rogers, Raymond R. ....	do.	900.42	203.26
Rollinson, J. K. ....	do.	1,023.33	.....
Ross, Elmer C. ....	do.	1,022.22	45.75
Sawyer, George E. ....	do.	883.34	115.53
Scott, James A. ....	do.	1,041.10	27.70
Seaman, James V. ....	do.	985.83	13.75
Shartzler, Leonard A. ....	do.	1,050.00	60.36
Shelledy, Benj. F. ....	do.	1,036.11	60.70
Shelley, Percy T. ....	do.	995.00	52.35
Sieberttritt, George. ....	do.	781.12	10.50
Sloan, Thomas W. ....	do.	938.89	30.45
Smith, Franklin H. ....	do.	680.83	13.45
Smith, Lawrence L. ....	do.	1,036.11	100.85
Sommers, Charles A. ....	do.	1,000.28	129.46
South, Perry A. ....	do.	1,050.00	114.50
Spackman, Chas. A. ....	do.	1,050.00	47.13
Sparhawk, Frank O. ....	do.	1,004.44	14.50
Squires, George E. ....	do.	1,050.00	149.53
Stanchfield, James C. ....	do.	949.16	46.06
Stockbridge, A. J. ....	do.	1,004.16	91.04
Taylor, Pearl A. ....	do.	1,050.00	63.25
Theurer, David O. ....	do.	921.94	164.25
Thomas, William L. ....	do.	667.20	29.35
Thompson, Robert. ....	do.	1,032.22	.....
Thrower, Wm. H. ....	do.	744.45	.....
Toler, John Y. ....	do.	1,050.00	23.25
Utley, William H. ....	do.	1,050.00	.....
Verner, Thomas. ....	do.	1,045.41	47.85
Wells, Thomas F. ....	do.	949.16	328.95
West, Charles. ....	do.	912.49	54.70
Wheeler, Eugene W. ....	do.	1,046.94	106.55
White, Charley C. ....	do.	1,050.00	145.35
White, C. E. ....	do.	1,050.00	9.88
Widman, Geo. C. ....	do.	963.88	14.14
Wiehe, William. ....	do.	1,050.00	423.05
Wigal, Elias J. ....	do.	1,050.00	18.25
Wilcox, Newton A. ....	do.	1,050.00	38.02
Wilson, Wm. I. ....	do.	1,050.00	90.35
Woods, Eustace A. ....	do.	1,047.23	.....
Woolsey, Joseph H. ....	do.	1,050.00	64.10
York, C. Roy. ....	do.	971.65	5.25
Barrister, Leslie O. ....	Deputy forest ranger, at \$1,000.	616.66	10.50
Blush, Charles E. ....	do.	250.00	.....
Brown, Jas. A. ....	do.	966.67	69.60
Chandler, Orland. ....	do.	916.67	.....
Clifton, Samuel B. ....	do.	936.11	30.50
Cole, Albert E. ....	do.	1,000.00	8.35
Darby, Austin E. ....	do.	333.33	34.10
Davidson, Zachary T. ....	do.	755.56	.....
Davis, Drury D. ....	do.	750.00	15.55
Dixon, Peter A. ....	do.	83.33	.....
Dorman, Henry W. ....	do.	41.66	.....
Dustin, Allen M. ....	do.	83.34	.....
Faulkner, N. C. ....	Deputy forest ranger and assistant forest ranger, at \$1,000.	1,000.00	16.80
Garner, Newton. ....	Deputy forest ranger, at \$1,000.	1,000.00	27.72
Gaslin, Joseph A. ....	do.	500.00	16.94
Hardy, Charles P. ....	do.	416.66	12.75
Harrington, T. E. ....	do.	69.44	.....



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Harte, Frank E.....	Deputy forest ranger, at \$1,000 .....	\$644.45	\$21.60
Herrington, T. E.....	do.....	416.66	20.25
Hiett, Robert H.....	do.....	330.56	8.60
Hollister, George C.....	do.....	877.78	.....
Hopner, Albert S.....	do.....	1,000.00	24.00
Imes, Charles R.....	do.....	322.22	.....
Johnson, James H.....	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$1,100.	1,050.00	253.82
Kandel, John B.....	Deputy forest ranger, at \$1,000 .....	416.66	5.00
Keller, Alley C.....	do.....	830.55	27.00
King, Clarence A.....	do.....	888.89	32.77
Larsen, Axel E.....	do.....	311.12	25.35
Lewis, Melvin M.....	do.....	997.22	39.95
Lorenzen, Lewis N.....	do.....	1,000.00	16.05
Mallery, Willard A.....	do.....	461.10	5.30
Meyer, Arthur R.....	do.....	713.88	.....
Orr, James O.....	do.....	327.78	.....
Raymond, W. A.....	do.....	792.22	51.60
Reed, James B.....	do.....	27.78	.....
Reynolds, Thomas N.....	do.....	772.22	6.90
Rutledge, Fred.....	do.....	266.67	.....
See, William.....	do.....	925.00	.....
Senecal, John B.....	do.....	550.00	40.00
Sevier, Willard L.....	Deputy forest ranger and assistant forest ranger, at \$1,000.	793.61	38.90
Simmons, Clyde B.....	Deputy forest ranger, at \$1,000 .....	977.78	112.28
Smith, John R.....	do.....	277.78	15.80
Smith, William A.....	do.....	908.33	.....
Spence, Gilbert J.....	do.....	1,000.00	19.72
Stark, William S.....	do.....	333.33	10.75
Stephenson, James B.....	do.....	1,000.00	35.95
Switzer, Bert W.....	do.....	944.44	27.00
Thomson, Rich R.....	do.....	166.66	.....
Wilcox, Hiram R.....	Deputy forest ranger and assistant forest ranger, at \$1,000.	508.34	.....
Wilson, Henry G.....	Deputy forest ranger, at \$1,000 .....	1,000.00	36.25
Allen James.....	Assistant forest ranger, at \$1,300 .....	108.34	.....
Brotherton, C. H.....	Assistant forest ranger, at \$1,200 and forest ranger, at \$1,300.	1,235.56	77.25
Patten, Riley.....	do.....	1,061.67	25.90
Bell, Archie N.....	Assistant forest ranger, at \$1,200 .....	346.67	.....
Marshall, Robert E.....	do.....	1,180.00	132.78
Mathews, J. F.....	do.....	896.67	50.36
Peterson, George H.....	do.....	100.00	.....
Steele, Raymond G.....	do.....	1,183.33	36.70
Thompson, Charles P.....	do.....	100.00	.....
Burke, Robert E.....	Assistant forest ranger, at \$1,100 and \$1,200 .....	939.16	136.35
Clark, Jay C.....	Assistant forest ranger, at \$1,100 and forest ranger, at \$1,200.	1,048.06	29.80
Merrill, Wm. A.....	do.....	1,150.00	283.09
Ackley, Solow D.....	Assistant forest ranger, at \$1,100 .....	85.56	4.45
Adams, James E.....	do.....	131.39	.....
Barton, Wm. Scott.....	do.....	132.78	.....
Bayley, William V.....	do.....	30.56	.....
Berthelson, Jas. C., jr.....	do.....	183.34	.....
Betts, Fred H.....	do.....	70.28	.....
Bosworth, Homer C.....	do.....	48.89	.....
Bowen, Raymond A.....	do.....	91.67	.....
Bradley, R. A.....	do.....	216.95	.....
Brinkley, Joe A.....	do.....	48.89	104.88
Brothers, Jesse C.....	do.....	79.44	.....
Brown, Edwin N.....	do.....	131.39	.....
Carpenter, L. A.....	do.....	183.34	6.75
Clark, Edward V.....	do.....	91.67	72.20
Clayton, Walter R.....	do.....	48.89	.....
Cleveland, W. L.....	do.....	91.67	.....
Collins, Thomas J.....	do.....	15.28	39.10
Colten, Sterling L.....	do.....	42.78	.....
Costello, Revis.....	do.....	171.12	.....
Cromwell, Marshall C.....	do.....	198.62	49.65

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cross, Maurice B.	Assistant forest ranger, at \$1,100.	\$137.59	\$41.60
Curl, John B.	do.	158.89	26.00
Davis, James W.	do.	48.89	
DeHaven, Ford J.	do.	183.34	
DeMoisy, Chas. Jr.	do.	81.67	
Derrick, Hubert E.	do.	275.00	
Dixon, Peter A.	do.	94.73	
Doney, Raymond W.	do.	48.89	1.50
Dowman, John W.	do.	91.67	1.90
Emerson, J. W.	do.	152.78	
Fessel, Edward W.	do.	140.56	
Foreman, Edward F.	do.	91.67	
Fruit, Wm. C.	do.	125.28	
Gould, Harold A.	do.	91.67	
Graham, Joe A.	do.	183.34	
Green, Clyde.	do.	131.39	
Harpham, Edward E.	do.	183.34	
Hartman, Frank.	do.	216.95	
Hunter, Cyrus R.	do.	9.17	
Ivey, Albert R.	do.	140.56	
Johnson, Ben L.	do.	122.23	3.00
Johnson, Ralph H.	do.	137.50	
Johnson, Thos. C.	do.	183.34	
Jones, James H.	do.	45.83	
Jones, Thomas J.	do.	366.67	30.15
King, George E.	do.	131.39	
Lansing, John B.	do.	155.84	11.75
Lewis, Henry K.	do.	116.11	9.10
Lockhart, W. E.	do.	91.67	
Loomis, Lorin A.	do.	45.83	
McGrew, Leigh W.	do.	183.34	
Matz, Fred G.	do.	88.61	4.85
Maxwell, Lorenzo B.	do.	82.50	
Mizner, Melvin D.	do.	91.67	
Mott, Frederick L.	do.	223.06	
Motts, Ernest H.	do.	223.06	
Murray, J. P.	do.	125.28	
Noddin, Vivian C.	do.	91.67	
Norton, Bert B.	do.	137.50	
O'Farrell, R. J.	do.	183.34	
Ollerton, Seth H.	do.	48.89	
Pack, Robert.	do.	183.34	
Perry, Seth B.	do.	91.67	
Phelan, N. S.	do.	114.59	14.65
Pratt, Oscar.	do.	152.78	
Reed, Elmer F.	do.	137.50	
Robinson, Frank A.	do.	275.00	
Rock, William H.	do.	48.89	
Shepard, W. C.	do.	137.51	
Somerville, James J.	do.	55.00	5.00
Smith, John E.	do.	73.33	
Stock, Edwin E.	do.	106.95	13.80
Strong, Robert W.	do.	116.11	
Stuckey, Asa W.	do.	265.84	
Sutcliffe, Charles W.	do.	183.34	
Thomas, Odo R.	do.	146.67	
Waechter, Harry G.	do.	33.61	
Warner, Jas. L.	do.	122.23	
Wattrock, John H.	do.	158.89	8.05
Woodburn, Robert C.	do.	131.39	3.75
Wright, Leslie E.	do.	33.62	
Yust, Chas. H.	do.	94.72	
Bellairs, Newton G.	Assistant forest ranger, at \$1,000 and \$1,100.	1,011.10	26.98
Boyes, William B.	do.	1,050.00	119.32
Eaton, Homer O.	do.	1,031.66	68.15
Evans, Thomas.	do.	1,026.39	7.05
Macfarlane, S. A.	do.	952.78	
Miller, Harry E.	do.	973.61	40.35
Morris, Richard A.	do.	392.78	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Murken, George M. ....	Assistant forest ranger, at \$1,000 and deputy forest ranger, at \$1,100.	\$1,050.00	\$45.02
Shoemaker, Theodore .....	Assistant forest ranger, at \$1,000 and \$1,100 .....	1,050.00	70.70
Thompson, Thomas .....	do. ....	845.28	8.50
Jorgens, J. W. ....	Assistant forest ranger, at \$1,000 .....	391.67	12.00
Simmons, John B. ....	do. ....	994.44	34.71
Tremewan, Will H. ....	Assistant forest ranger, at \$900 and \$1,100 and forest ranger, at \$1,200.	1,001.66	278.80
Schick, Harry C. ....	Assistant forest ranger, at \$900 and \$1,000 and deputy forest supervisor, at \$1,300.	1,150.00	263.80
Hatton, Thos. C. ....	Assistant forest ranger, at \$900 and deputy forest supervisor, at \$1,200.	1,050.00	147.00
Huey, Ralph C. ....	do. ....	1,050.00	264.42
Knowles, Louis .....	Deputy forest ranger, at \$900, and deputy forest supervisor, at \$1,200.	1,050.00	461.48
Mullen, James F. ....	do. ....	1,050.00	539.49
Abbott, Arthur H. ....	Assistant forest ranger, at \$900 and \$1,100 .....	981.67	204.55
Abbott, Earl. ....	do. ....	333.34	13.90
Adair, Wallace. ....	do. ....	990.83	28.30
Allen, John L. ....	do. ....	995.00	14.00
Allen, Raymond L. ....	do. ....	1,000.00	2.65
Alvord, Edwin T. ....	do. ....	454.17	.....
Anderson, Herman E. ....	Assistant forest ranger, at \$1,100 and \$900.	982.50	39.88
Anderson, John N. ....	Assistant forest ranger, at \$900 and \$1,100.	950.00	27.65
Armitage, Robert W. ....	do. ....	995.00	206.05
Arrison, D. W. ....	do. ....	671.11	29.90
Arthur, S. B. ....	do. ....	809.45	44.63
Averill, Wallace S. ....	do. ....	666.66	.....
Ayres, Frank O. ....	do. ....	951.39	.....
Baker, Francis E. ....	do. ....	1,000.00	12.00
Baker, Philip. ....	do. ....	677.50	13.60
Baker, W. L. ....	do. ....	963.33	16.00
Bagley, Edward C. ....	do. ....	846.11	19.35
Baldwin, Harlow M. ....	do. ....	997.50	.....
Baldwin, James H. ....	do. ....	686.25	71.15
Barber, Homer J. ....	do. ....	982.50	.....
Barker, Claude K. ....	do. ....	997.50	.....
Barker, Elliott S. ....	do. ....	908.34	203.60
Barker, Peter O. ....	do. ....	675.00	19.30
Barnes, Ephraim. ....	do. ....	884.17	130.99
Barnes, Walter S. ....	do. ....	1,000.00	55.18
Barrett, Arthur C. ....	do. ....	1,000.00	62.48
Barto, Roy. ....	do. ....	1,000.00	129.65
Bauder, Charles. ....	do. ....	1,000.00	153.50
Beatty, Dwight L. ....	do. ....	982.50	189.30
Belknap, Geo. E. ....	do. ....	997.50	.....
Bell, John W. ....	do. ....	1,000.00	21.60
Bening, Frank F. ....	do. ....	713.89	.....
Beach, Charles T. ....	do. ....	926.67	160.78
Beal, Orin L. ....	do. ....	963.34	27.60
Beard, Robert J. ....	do. ....	987.50	.....
Bennett, John S. ....	do. ....	1,000.00	.....
Berriman, R. C. M. ....	do. ....	995.00	43.90
Bettendorff, George. ....	do. ....	779.82	96.50
Blackburn, James L. ....	do. ....	1,000.00	63.60
Blackburn, W. F. ....	do. ....	764.72	.....
Blackman, Wm. O. ....	do. ....	1,000.00	42.50
Blackwell, Geo. M. ....	do. ....	970.00	34.80
Blake, Grover C. ....	do. ....	1,000.00	59.87
Blankenship, H. C. ....	do. ....	1,000.00	113.16
Blatchford, Robt. S. ....	do. ....	986.25	35.50
Bolen, James H. ....	do. ....	963.34	98.45
Boothe, Delbert W. ....	do. ....	992.50	6.60
Boothe, Roy. ....	do. ....	985.00	25.05
Barrego, Edward G. ....	do. ....	981.67	.....
Bowen, Clarence H. ....	do. ....	1,000.00	.....
Boyd, John W. ....	do. ....	1,000.00	58.55
Breen, J. Elmer. ....	do. ....	773.89	46.99
Brewer, Guy. ....	do. ....	985.00	227.78
Brown, Albert C. ....	do. ....	1,000.00	40.18



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brown, Fred E.....	Assistant forest ranger, at \$900 and \$1,100.....	\$1,000.00	\$22.10
Brundige, Lew.....	do.....	982.50	
Bruton, James J.....	do.....	996.94	28.70
Bryan, Grover C.....	do.....	392.50	
Bryant, Cyrus L.....	do.....	486.66	23.95
Burks, Fred C.....	do.....	1,000.00	8.25
Burlingame, Marion.....	do.....	532.22	
Butler, Frank M.....	do.....	1,000.00	54.55
Byars, Samuel T.....	do.....	988.89	5.05
Calbick, Allen O.....	do.....	986.94	11.25
Cammann, John B.....	do.....	1,000.00	39.50
Campbell, Clifford P.....	do.....	984.72	104.22
Carscallen, Thos. W.....	do.....	1,000.00	65.00
Case, Albert L.....	do.....	1,000.00	70.23
Cayton, James G.....	do.....	997.50	38.85
Cherry, Mark K.....	do.....	1,000.00	21.10
Christensen, Moses.....	do.....	1,000.00	18.95
Clack, Philip A.....	do.....	1,000.00	
Clark, Ernest B.....	do.....	948.89	22.40
Clark, Edwin R.....	do.....	1,000.00	48.50
Clark, Edward F.....	do.....	1,000.00	11.90
Clay, Rufus E.....	do.....	942.50	7.80
Clingan, William M.....	do.....	948.05	37.96
Coe, Vance I.....	do.....	1,000.00	
Cohea, William M.....	do.....	1,000.00	60.95
Coleman, John R.....	do.....	947.22	67.95
Colter, Harry M.....	do.....	459.17	73.34
Conant, James W.....	do.....	1,000.00	
Conner, J. F.....	do.....	1,000.00	99.50
Cook, James T.....	do.....	954.17	53.85
Coughlin, Louis E.....	do.....	1,000.00	62.71
Cox, Francis M., jr.....	do.....	411.67	16.05
Crimmins, John T.....	do.....	676.11	
Cross, Benjamin H.....	do.....	983.89	30.38
Crossley, Thomas.....	do.....	894.72	
Cunningham, H. M.....	do.....	832.50	7.75
Davis, Amos H.....	do.....	643.34	
Davis, George W.....	do.....	953.87	
Day, Roderick S.....	do.....	995.00	45.40
De Forest, G. E.....	do.....	752.59	140.30
Delbridge, Claud B.....	do.....	954.17	
Dennis, Charles S.....	do.....	985.00	1.35
De Ewart, Robert A.....	do.....	1,000.00	12.90
Dodds, William R.....	do.....	834.99	21.75
Dorr, Louis H.....	do.....	1,000.00	20.00
DuBois, Floyd M.....	do.....	940.00	11.05
Durgan, E. C.....	do.....	1,000.00	34.55
Dustin, Bailey O.....	do.....	579.45	18.50
Edick, Mark.....	do.....	682.22	23.05
Edwards, Andrew H.....	do.....	1,000.00	60.89
Evarts, C. K.....	do.....	734.17	42.95
Everest, Harry.....	do.....	967.50	199.10
Ewing, Carl M.....	do.....	1,000.00	150.58
Exon, Guy S.....	do.....	969.44	100.55
Fairhurst, Albert L.....	do.....	1,000.00	65.85
Feary, Alfred J.....	do.....	997.50	74.95
Featherston, Ren S.....	do.....	1,000.00	248.20
Fender, Edgar L.....	do.....	964.43	48.96
Findley, Sterling H.....	do.....	1,000.00	126.23
Fiske, John J.....	do.....	1,000.00	8.25
Fitting, R. R.....	do.....	773.89	122.05
Fitzhugh, C. H.....	do.....	899.17	31.15
Flake, Ozmer D.....	do.....	951.11	62.01
Fleischman, George.....	do.....	950.00	5.75
Fleming, Chas. F.....	do.....	1,000.00	7.15
Fotheringham, E.....	do.....	993.89	20.05
Frame, James.....	do.....	992.50	62.30
Frey, Mark F.....	do.....	1,000.00	54.95
Fulton, Charles W.....	do.....	1,000.00	30.69
Furnish, James L.....	do.....	1,000.00	112.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gackel, Walter F.	Assistant forest ranger, at \$900 and \$1,100.	\$1,000.00	
Garner, Will A.	do.	950.00	\$74.02
Garrison, James S.	do.	767.78	128.24
George, John R.	do.	1,000.00	28.45
Gillie, Geo. E.	do.	948.05	17.85
Gordon, Morris L.	do.	1,000.00	282.50
Gott, William.	do.	1,000.00	
Graham, Fred W.	do.	1,000.00	7.13
Green, John B.	do.	885.00	14.85
Gribble, Martin J.	do.	734.73	19.90
Griffin, Charles O.	do.	969.45	2.95
Griffin, Claude W.	Assistant forest ranger, at \$900 and \$1,000.	999.46	156.10
Griffin, Orlow H.	do.	505.00	20.05
Grigg, Alfred.	do.	773.89	26.20
Guild, John W.	do.	607.23	
Gunnaer, Robert M.	do.	696.66	165.05
Gundlach, August W. F.	do.	950.00	35.75
Hagenan, John A.	do.	847.50	16.20
Hall, Robert F.	do.	682.50	19.30
Hall, Willie J.	do.	1,000.00	28.25
Halleck, Albert G.	do.	881.67	70.05
Halsey, William A.	do.	1,000.00	41.80
Haman, Fredrick C.	do.	1,000.00	66.50
Hamilton, Edwin R.	do.	1,000.00	87.25
Hamilton, George A.	do.	1,000.00	64.50
Hammond, Lorenzo E.	do.	961.94	14.15
Hanks, Sidney A.	do.	1,000.00	41.63
Hansen, Christian O.	do.	1,000.00	
Hansen, Fred.	do.	1,000.00	48.00
Harpham, Vernon V.	do.	792.23	25.03
Harrison, Wesley B.	do.	1,000.00	93.69
Harwood, Alfred W.	do.	1,000.00	4.50
Hawkins, Leonard.	do.	916.67	
Hawley, William W., jr.	do.	677.50	44.73
Hayes, George M.	do.	957.50	13.10
Hayes, Oscar O.	do.	1,000.00	68.12
Healey, Mark L.	do.	1,000.00	
Heath, Noel C.	do.	345.56	24.85
Henley, Robert C.	do.	1,000.00	12.10
Henson, Clarence L.	do.	1,000.00	69.27
Herbert, Ernest W.	do.	983.75	21.05
Herbert, Thomas M.	do.	964.17	30.85
Herrick, Urbain E.	do.	898.33	9.80
Hess, Chas. E.	do.	990.00	81.60
Hess, Robert L.	do.	1,000.00	81.70
Hickman, Joseph H.	do.	846.39	33.50
Hill, Albert.	do.	1,000.00	38.75
Hill, Frank P.	do.	700.56	103.40
Hilligoss, Ralph A.	do.	949.44	295.63
Hillis, Harry B.	do.	1,000.00	113.95
Hinkle, Shelby B.	do.	1,000.00	60.83
Hiscox, Shepard.	do.	832.50	81.20
Hite, James S.	do.	990.00	76.75
Hohron, Ferris D.	do.	1,000.00	9.45
Holt, John D.	do.	784.73	56.90
Holt, Lewis T.	do.	969.44	60.45
Houghton, Claud.	do.	957.23	13.80
Houser, Oscar C.	do.	671.67	15.50
Houston, James G.	do.	1,000.00	
Howard, Lawrence J.	do.	977.50	
Howard, Lucas W.	do.	616.95	
Howell, Charles F.	do.	1,000.00	149.10
Huffman, Edgar P.	do.	1,000.00	126.16
Humiston, George E.	do.	719.44	3.35
Hungate, Harry G.	do.	1,000.00	7.95
Hunt, Thomas B.	do.	525.97	6.00
Hurst, Cassius H.	do.	865.55	50.25
Hutchins, George A.	do.	270.84	
Ingram, Clarence J.	do.	710.00	5.50
Ingram, Douglas C.	do.	725.00	134.47

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"*—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ireland, Asher.	Assistant forest ranger, at \$900 and \$1,000	\$792.23	\$372.55
Jackson, Alexander G.	do.	1,000.00	270.08
Jackson, Clarence W.	do.	996.94	74.04
Jacroux, Eugene J.	do.	1,000.00	12.55
James, Andrew J.	do.	1,000.00	325.37
James, John M. P.	do.	970.00	61.40
James, Thomas J.	do.	633.33	
Jensen, Hans E.	do.	234.17	22.25
Jensen, James.	do.	976.25	19.50
Jensen, James C.	do.	1,000.00	37.65
Johnson, Dailey D.	do.	955.00	65.45
Johnson, Joseph P.	do.	1,000.00	
Johnston, John B.	do.	1,000.00	
Johnston, Percy G.	do.	1,000.00	
Joice, E. P.	do.	1,000.00	43.40
Jones, Joseph J.	do.	765.83	
Jones, John L.	do.	1,000.00	11.70
Jones, Lee.	do.	1,000.00	120.86
Jones, Walter J.	do.	706.66	109.75
Jordan, Chester E.	do.	1,000.00	
Keithley, Celsus L.	do.	1,000.00	158.51
Kennedy, Louis J.	do.	664.99	77.30
Kerlee, William A.	do.	770.00	3.90
Kerrstetter, Oscar E.	do.	986.25	39.25
Kierstead, John A.	do.	1,000.00	32.15
King, Milton S.	do.	743.33	39.10
King, Ralph E.	do.	1,000.00	3.50
Kirkpatrick, John.	do.	954.17	21.95
Kittams, Samuel A.	do.	605.84	73.50
Knieff, Hugo E.	do.	1,000.00	23.50
Knowles, Archie O.	do.	1,000.00	132.70
Kroncke, John H.	do.	1,000.00	23.20
Krause, John F.	do.	1,000.00	54.30
LaBrecke, Charles A.	do.	1,000.00	
Ledford, George R.	do.	692.78	28.80
Leese, Ranger H.	do.	889.99	15.35
Lehman, Joseph E.	do.	888.89	
Lester, Thomas D.	do.	1,000.00	25.80
Lindt, John J.	do.	953.33	
Looney, Gaines H.	do.	780.00	76.25
Lord, John G.	do.	1,000.00	1.97
Loring, Frank E.	do.	1,000.00	54.50
Low, George P.	do.	971.25	
Lytle, George W.	do.	725.00	113.41
McClain, John J.	do.	938.33	47.85
McClure, Edmund A.	do.	1,000.00	89.99
McConnell, Robert C.	do.	952.50	24.38
McCoy, Melvin R.	do.	575.00	17.70
McDuffie, Arthur F.	do.	664.17	
McElfresh, Oliver H.	do.	975.56	21.49
McFadden, George N.	do.	1,000.00	46.25
McGhee, Joseph.	do.	937.50	
McGregor, Donald B.	do.	1,000.00	74.43
McInroy, Robert.	do.	1,000.00	54.20
McIntosh, John A.	do.	803.74	45.77
McKee, Elijah R.	do.	833.34	14.76
McQueen, Alexander.	do.	703.89	3.05
Macey, Benj. H.	do.	997.50	11.15
Mace, Chas. A.	do.	684.17	
Mace, Wm. M.	do.	951.11	32.45
Mack, Charles B.	do.	982.50	143.65
Mack, Charles F.	do.	1,000.00	17.50
Madsen, Parley C.	do.	890.84	
Mahn, E. H.	do.	780.00	154.28
Mahoney, Bert.	do.	1,000.00	16.55
Manvill, John V.	do.	965.00	66.75
Marlowe, Everett A.	do.	1,000.00	49.90
Melone, William C.	do.	1,000.00	37.75
Mendenhall, Hugh.	do.	984.72	37.05
Miller, Geogre W.	do.	1,000.00	67.20



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Minear, J. E.	Assistant forest ranger, at \$900 and \$1,000	\$1,000.00	\$109.05
Moak, Robert R.	do.	1,000.00	177.00
Montgomery, D. C., jr.	do.	1,000.00	381.60
Moon, Howard C.	do.	1,000.00	26.35
Moore, Stephen A.	do.	1,000.00	11.00
Moss, Francis	do.	862.49	10.55
Moss, Roy	do.	940.56	12.95
Munsell, Glenn K.	do.	980.00	
Nail, James E.	do.	957.50	14.97
Nelson, Camas	do.	995.00	
Nichols, George	do.	1,000.00	42.95
Noon, Arthur H.	do.	1,000.00	32.85
Norton, George A.	do.	995.00	9.35
Oliver, William L.	do.	1,000.00	16.75
Ortiz, Rosendo	do.	210.83	
Owings, William A.	do.	995.00	26.75
Palmer, Dwight L. M.	do.	1,000.00	
Palmer, Joseph W.	do.	1,000.00	28.45
Parke, Morgan	do.	1,000.00	
Parkinson, Roscoe	do.	996.94	2.20
Parkinson, William H.	do.	528.06	
Parrett, Fred C.	do.	1,000.00	49.05
Patterson, Thomas O.	do.	733.34	15.65
Paull, Ernest R.	do.	868.34	65.15
Peck, Edward H.	do.	1,000.00	34.95
Peck, Ray	do.	952.50	140.29
Penley, Frank T.	do.	945.00	31.65
Peters, Hyrum A.	do.	893.33	19.30
Peters, Truman R.	do.	914.73	50.80
Peterson, N. E.	do.	1,000.00	21.70
Phillips, Horace B.	do.	1,000.00	
Poe, William A.	do.	1,000.00	122.90
Poole, Andrew T.	do.	767.50	40.10
Porcher, Francis P.	do.	963.34	169.26
Powell, Frank A.	do.	969.44	60.85
Powers, Harry R.	do.	1,000.00	41.15
Poynter, Elza E.	do.	1,000.00	146.35
Prettywood, Peter	do.	985.00	58.50
Pulaski, Edward C.	do.	1,000.00	71.35
Purtymun, Geo. S.	do.	954.17	96.64
Putsch, Llewellyn J.	do.	990.83	28.40
Radigan, Arthur	do.	996.94	38.85
Ray, C. W.	do.	1,000.00	14.42
Ray, Thomas M.	do.	1,000.00	23.87
Reed, Iro.	do.	966.39	17.45
Reid, Robert W.	do.	1,000.00	42.85
Rhinehart, Robert F.	do.	981.66	41.05
Rhodes, John A.	do.	978.61	36.80
Rice, H. L.	do.	355.84	
Rice, Peter S.	do.	1,000.00	126.76
Richards, Albert G.	do.	1,000.00	
Richardson, Hamilton	do.	1,000.00	
Roberts, Jesse E.	do.	1,000.00	34.40
Robertson, Wayne B.	do.	926.67	22.20
Robins, Bert L.	do.	982.50	92.85
Robinson, Jolly B.	do.	795.55	30.85
Roderus, William C.	do.	890.01	47.40
Romero, Andrew	do.	963.33	17.85
Rumsey, Charles B.	do.	1,000.00	121.65
Russell, John F.	do.	990.83	82.80
St. Clair, Robert C.	do.	990.83	47.05
Sanders, Claget	do.	1,000.00	
Sartor, Marvin H.	do.	1,000.00	116.00
Sayer, Frank H.	do.	1,000.00	7.00
Scarlett, Robert.	do.	1,000.00	65.20
Scott, Elmer L.	do.	1,000.00	30.60
Scoville, Frank C.	do.	426.39	50.85
Seals, Fred J.	do.	1,000.00	45.25
Severe, George H.	do.	1,000.00	12.90
Shaler, Edgar C.	do.	1,000.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Shauer, Osmer W.	Assistant forest ranger, at \$900 and \$1,000	\$706.66	\$98.41
Shepherd, Sanford	do.	947.50	
Shields, Julius M.	do.	1,000.00	57.70
Shillingford, Chas. E.	do.	734.17	47.25
Shockley, Clyde W.	do.	870.00	
Shook, Chas. T.	do.	984.72	28.32
Shults, James G.	do.	1,000.00	23.08
Shy, James D.	do.	1,000.00	26.10
Simpson, Alva A.	do.	997.50	6.30
Sinclair, George W.	do.	595.00	16.70
Smelser, Homer E.	do.	997.50	39.36
Smith, G. Leroy	do.	963.34	63.65
Smith, Luin E.	do.	1,000.00	71.75
Smith, William F.	do.	1,000.00	81.90
Snyder, Allen	do.	1,000.00	74.25
Snyder, Simon	do.	1,000.00	64.40
Spencer, Charles A.	do.	941.94	
Stahlman, Fred W.	do.	804.45	7.70
Stanley, Arthur L.	do.	733.06	29.80
Steele, jr., Lemuel	do.	1,000.00	19.80
Stephenson, Albert E.	do.	1,000.00	100.35
Stoddard, Samuel W.	do.	966.40	24.65
Stoner, Lester J.	do.	561.95	26.80
Strodtbeck, Charles A.	do.	1,000.00	
Stuart, William A.	do.	1,000.00	226.55
Sullivan, Don S.	do.	1,000.00	67.05
Sutherland, Baigne	do.	755.56	
Sutton, Earle P.	do.	957.50	29.30
Sypher, Arthur W.	do.	948.05	11.65
Taft, Charles W.	do.	986.39	30.65
Taylor, Ed.	do.	908.33	198.40
Taylor, Franklin R.	do.	1,000.00	
Taylor, Henry L.	do.	1,000.00	
Taylor, Jasper	do.	895.00	50.75
Taylor, Jay L. B.	do.	1,000.00	118.13
Taylor, Ralph	do.	820.28	137.77
Taylor, Smith L.	do.	644.17	87.92
Thackara, John E.	do.	583.34	15.65
Thomas, Walter M.	do.	839.17	2.80
Thompson, B. F.	do.	981.67	18.55
Thorne, jr., Arthur	do.	1,000.00	48.05
Thurman, Thomas H.	do.	972.50	
Tipton, Lowell E.	do.	1,000.00	71.25
Tobias, Ross S.	do.	972.50	49.55
Treen, Lewis A.	do.	487.50	79.39
Trickle, Jesse L.	do.	874.17	65.64
Twitty, Edgar M.	do.	928.34	7.75
Vance, James D.	do.	725.00	
Van Horn, Frank B.	do.	957.50	
Vaughan, Ben F.	do.	1,000.00	66.58
Wait, James M.	do.	982.50	45.36
Walter, Paul	do.	962.50	65.05
Walton, Aaron H.	do.	997.50	4.50
Waterbury, Claude W.	do.	1,000.00	128.80
Watson, Robert J.	do.	880.84	8.85
Weholt, Adolph	do.	763.89	67.90
Weidner, Henry C.	do.	1,000.00	
Welton, Earl V.	do.	990.00	65.50
West, George H.	do.	753.75	113.25
Westover, Percy R.	do.	771.67	9.20
Wethern, Ernest	do.	1,000.00	40.05
Wheatley, William O.	do.	1,000.00	16.70
Whitten, William E.	do.	947.50	27.95
Whittum, Chas. E.	do.	990.00	52.50
Wight, John B.	do.	1,000.00	8.66
Will, William F.	do.	1,000.00	220.02
Williams, David L.	do.	1,000.00	53.30
Williams, E. C.	do.	1,000.00	
Wimmer, Otis M.	do.	916.11	134.65
Wilson, Frank A.	do.	1,000.00	4.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Woesner, Raymond L.	Assistant forest ranger, at \$900 and \$1,000	\$890.00	\$6.45
Woodbury, Angus M.	do.	1,000.00	14.05
Woolsey, James J.	do.	1,000.00	
Woolstenhulme, John H.	do.	736.11	8.30
Wright, Abner T.	do.	760.28	261.91
Wright, Anderson T.	do.	987.50	51.85
Yager, August W.	do.	1,000.00	
Yates, Ora E.	do.	942.23	11.05
Yerkes, H. B.	do.	1,000.00	84.10
Yorke, George R.	do.	954.16	46.25
Young, Earl B.	do.	1,000.00	33.05
Young, Earle N.	do.	1,000.00	861.79
Young, Richard W.	do.	1,000.00	18.15
Abbott, Carl L.	Assistant forest ranger, at \$900	767.50	15.25
Adams, Lawrence J.	do.	185.00	92.85
Allen, Clarence L.	do.	135.00	40.77
Allen, Oscar J.	do.	325.00	41.50
Austin, Arthur.	do.	375.00	7.50
Ballard, Elmer E.	do.	225.00	
Barnum, Eli.	do.	75.00	
Barton, Charles R.	do.	277.50	
Bass, Daniel E.	do.	330.00	
Beck, Joseph S.	do.	220.00	
Biles, Edgar V.	do.	440.00	32.30
Birdsall, Arlie J.	do.	820.00	28.25
Bohan, Martin F.	do.	866.25	
Bond, Jas. F.	do.	192.50	
Boroughts, Calvin T.	do.	150.00	
Brown, William M.	do.	150.00	
Buehner, William G.	do.	300.00	44.20
Cadle, Theodore F.	do.	75.00	
Callison, Orange S.	do.	572.50	
Camp, Jacob H.	do.	150.00	
Cannon, M. Thurman	do.	927.50	20.41
Carson, Frank O.	do.	337.50	7.20
Casper, Wm. W.	do.	185.00	4.00
Chadney, Frederick H.	do.	410.00	
Clarke, Ray.	do.	150.00	
Cliff, Centennial.	do.	305.00	9.50
Copren, Charles A.	do.	725.00	
Cottrell, George C.	do.	315.00	9.65
Cressler, B. F.	do.	750.00	31.50
Culley, Carrol.	do.	187.50	
Daeley, John A.	do.	7.50	
Daniels, Cloyd A.	do.	125.00	12.00
Davis, Clarence R.	do.	227.50	9.85
Davis, Ernest W.	do.	890.00	19.50
Davis, James F.	do.	830.00	
Dean, Robert A.	do.	862.50	147.70
Derrick, Herbert E.	do.	253.75	50.37
De Staffany, Iren M.	do.	192.50	
Donney, Hugh R.	do.	875.00	
Dunn, Wm. J.	do.	247.50	
Egan, Emmet.	do.	140.00	
Falk, Charlie A.	do.	287.50	
Finch, Albion J.	do.	525.00	42.90
Fitzhugh, Edgar J.	do.	615.00	
Foland, Harlin S.	do.	300.00	
Foley, Daniel F.	do.	822.50	
Foster, Fred R.	do.	446.94	2.75
Frey, John.	do.	900.00	
Frye, Clarence W.	do.	75.00	
Gilkey, Sylvester.	do.	867.50	
Godard, Lyman H.	do.	130.00	
Graham, Walter E.	do.	562.50	
Green, William T.	do.	357.50	32.05
Gregory, Dean A.	do.	892.50	8.70
Gribble, Raymond M.	do.	252.50	
Gridley, George W.	do.	155.00	
Haggerty, A. B.	do.	37.50	



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hanson, Fred.....	Assistant forest ranger, at \$900.....	\$840.00	\$63.05
Harr, Ralph V.....	do.....	15.00	.....
Hendricks, Emil.....	do.....	900.00	67.77
Herrington, Frank B.....	do.....	207.50	.....
Hilburn, Bart L.....	do.....	255.00	.....
Hillis, Orrison L.....	do.....	895.00	60.48
Hilton, David B.....	do.....	75.00	.....
Holbrook, Frederick J.....	do.....	900.00	50
Howard, Bert.....	do.....	225.00	.....
Hunt, Thomas M.....	do.....	375.00	114.40
Hurlbut, Julius W.....	do.....	675.00	22.50
Hurt, Lonzo D.....	do.....	900.00	27.20
Jackson, Andrew J.....	do.....	25.00	.....
Johnson, Curt H.....	do.....	652.50	73.15
Johnston, William F.....	do.....	37.50	.....
Justice, Sterling R.....	do.....	340.00	6.30
Kerns, LeRoy R.....	do.....	150.00	10.25
King, T. Sheridan.....	do.....	180.00	.....
Knowlton, Frank H.....	do.....	635.00	23.05
Krupp, Frank A.....	do.....	900.00	26.85
Lamirand, Edward A.....	do.....	900.00	.....
Lancaster, Fred G.....	do.....	300.00	.....
Lawrence, Ellery F.....	do.....	750.00	47.20
Lindsey, John N.....	do.....	75.00	.....
Litehlser, Daniel R.....	do.....	300.00	.....
Little, Roinayne C.....	do.....	350.00	11.10
Lubken, Albert.....	do.....	450.00	.....
Lydick, Horace S.....	do.....	300.00	.....
McCarty, Arthur R.....	do.....	387.50	8.75
McConnochie, Robt. W.....	do.....	178.75	.....
McGhie, Bert.....	do.....	415.00	10.75
McGuire, William F.....	do.....	761.25	11.10
McKinley, Oliver P.....	do.....	95.00	.....
Manring, W. V.....	do.....	340.00	.....
Marks, Francis M.....	do.....	675.00	28.25
Martinez, Dario.....	do.....	35.00	.....
Matthews, Dennis.....	do.....	420.00	24.00
Mazrahi, Frank.....	do.....	410.00	.....
Merrifield, Harry M.....	do.....	212.50	2.55
Miller, Louis H.....	do.....	357.50	.....
Moody, Arthur E.....	do.....	900.00	6.80
Moore, William E.....	do.....	317.50	.....
Myers, D. W.....	do.....	575.00	23.25
Myers, Ivan R.....	do.....	175.00	.....
Newman, Charles A.....	do.....	900.00	37.25
Norris, Richard S.....	do.....	225.00	.....
Nottingham, W. L.....	do.....	647.50	15.25
Older, Rollo.....	do.....	785.00	11.80
O'Neill, Guy.....	do.....	242.50	.....
Oswald, Joseph.....	do.....	50.00	.....
Pattison, Thomas C.....	do.....	110.00	.....
Peterson, James A.....	do.....	187.50	.....
Phelps, Rolla J.....	do.....	222.50	.....
Pierce, William H.....	do.....	770.00	.....
Price, Frank.....	do.....	525.00	2.20
Prior, Julius D.....	do.....	325.00	25.85
Reagan, James E.....	do.....	350.00	.....
Reid, John S.....	do.....	547.50	34.95
Rhyne, Stephen J.....	do.....	695.00	.....
Robbins, Thomas W.....	do.....	125.00	.....
Robinson, Kenneth S.....	do.....	552.50	12.55
Romey, Edward.....	do.....	297.50	.....
Ryan, William A.....	do.....	450.00	40.50
Schildt, William A.....	do.....	55.00	.....
Scholefield, Carl B.....	do.....	900.00	86.90
Shakespeare, Brandon.....	do.....	275.00	.....
Sheriff, Court J.....	do.....	75.00	.....
Shook, Arthur L.....	do.....	405.00	.....
Simmons, E. Earle.....	do.....	322.50	.....
Slone, Martin K.....	do.....	245.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Andrew R.	Assistant forest ranger, at \$900.	\$162.50	\$1.90
Smith, Arthur R.	do.	75.00	
Smith, Guy P.	do.	577.50	4.60
Smith, Dock F.	do.	150.00	15.00
Sowell, Lindsay C.	do.	400.00	
Spaugh, Clarence L.	do.	225.00	
Stevens, E. D. J.	do.	210.00	
Strait, W. T.	do.	312.50	32.40
Swank, James F.	do.	470.00	
Talmage, Guy M.	do.	337.50	
Thayer, Archie N.	do.	900.00	17.65
Thomas, Ray E.	do.	35.00	
Thompson, John E.	do.	675.00	
Townsend, Lewis C.	do.	650.00	
Trenary, G. W.	do.	275.00	14.10
Tucker, William S.	do.	157.50	
Turner, Elbert E.	do.	887.50	70.48
Vermillion, Will L.	do.	300.00	10.00
Ward, Carl E.	do.	342.50	8.30
Watkins, Albert B.	do.	187.50	
Watrous, Charles E.	do.	120.00	
Weaver, Claude W.	do.	750.00	
Weidner, Edward J.	do.	900.00	4.50
Winbray, Dave.	do.	650.00	126.13
Wixom, Arthur H.	do.	845.00	28.75
Yeomans, Chauncey A.	do.	75.00	
Zegar, Earl R.	Assistant forest ranger, at \$900, \$720, and \$900.	147.50	
Garner, Samuel J.	Assistant forest ranger, at \$1,100.	948.60	37.91
Albert, H. W.	Forest guard, at \$1,200.	263.33	
Chapman, E. H.	do.	660.00	
Hardy, L. E.	do.	920.00	40.35
Higgins, Samuel M.	Forest guard and forest agent, at \$1,200.	950.00	345.77
Kyle, Robert F.	Forest guard, at \$1,200.	30.00	
Pitcher, James S.	do.	100.00	
Van Camper, A. J.	Forest guard, at \$1,200, and \$1,100.	100.00	
Cahill, James A.	Assistant forest ranger, at \$1,200 and \$1,100.	781.40	22.60
Carper, Joseph K.	Forest guard, at \$1,200.	761.66	
Allen, M. C.	Forest guard, at \$1,100.	320.83	25.58
Barker, Charles B.	do.	305.56	6.00
Brown, Nelson C.	do.	41.67	45.55
Edwards, Eli.	do.	394.17	4.80
MacGuire, John N.	do.	805.72	26.41
Oliphant, James A.	do.	1,100.00	163.00
Stanley, Arthur.	do.	45.00	5.00
Walberg, John.	do.	293.33	
Blodgett, Lyle.	Forest guard, at \$1,080.	90.00	
Bailey, D. B.	Forest guard, at \$1,000, and assistant forest ranger, at \$1,100 and \$1,200.	994.46	80.16
McNulty, Barney.	do.	984.45	39.70
Reed, Stanley D.	do.	1,073.90	36.25
Thorne, William F.	do.	1,052.51	22.75
Erickson, T. O.	Forest guard, at \$1,000.	658.34	689.80
McBride, Wilson.	do.	691.06	509.05
De Groot, J. Henry.	Forest guard, at \$900, and assistant forest ranger, at \$1,300.	520.83	
Greene, Harold.	Forest guard, at \$900, and assistant forest ranger, at \$1,200 and \$900.	1,050.00	535.23
Musgrave, Thomas M.	Forest guard, at \$1,200.	177.50	
Robinson, Glen.	Forest guard, at \$900, and practical miner, at \$1,200.	475.00	158.30
Adams, John A.	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	568.34	28.25
Agnew, James D., jr.	do.	916.67	
Allen, Lloyd P.	do.	809.17	8.50
Allison, Walter.	do.	620.84	19.30
Anderson, H. Vernon.	do.	883.34	40.35
Anderson, William J.	do.	930.84	72.05
Ashurst, W. R.	do.	902.78	
Acheson, Henry W.	do.	858.34	6.60
Austin, Hugh C.	do.	933.34	14.55

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bartrum, C. De F.	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	\$720.84	\$31.60
Bateman, Joseph A.	do.	616.67	7.20
Bates, Charles W.	do.	234.17	
Bell, Carl E.	do.	660.84	.50
Belk, John W.	do.	625.84	12.00
Bennett, Robert.	do.	350.28	5.85
Bradley, Maitland E.	do.	908.05	1.55
Brereton, Charles S.	do.	916.67	42.55
Brown, K. G.	do.	481.67	
Brown, Mortimer J.	do.	483.34	
Brownell, Leslie M.	do.	873.34	104.59
Brubaker, Jesse A.	do.	735.84	
Bruckart, J. R.	do.	708.34	9.76
Bryan, John L., jr.	do.	813.34	9.80
Burch, Ben.	do.	448.34	26.55
Burch, Grover C.	do.	233.34	
Bushnell, Jesse I.	do.	235.84	19.00
Butler, Chas. E.	do.	880.01	91.50
Butler, George S.	do.	449.17	
Byrne, Cy.	do.	849.73	
Canby, Edmond B.	do.	615.84	113.50
Carron, Leo Eugene.	do.	862.51	
Carter, W. E.	do.	510.84	
Chase, Fred H.	do.	796.11	60.20
Cimpher, Edmund D.	do.	684.17	6.50
Clark, Aquilla E.	do.	841.67	5.50
Clark, Frank A.	do.	881.67	69.85
Clark, Hosea L.	do.	250.56	
Colvig, Frank L.	do.	931.11	15.55
Combs, C. W.	do.	423.89	15.27
Cowles, A. K.	do.	916.67	
Criswell, William H.	do.	901.67	12.18
Cuenin, Fred S.	do.	298.34	5.10
Dahlgren, Calvin A.	do.	869.45	18.61
Davis, L. L.	do.	497.79	9.60
Derby, W. F.	do.	916.67	12.40
Donnelly, Edgar W.	do.	370.84	
Dumas, Mack O.	do.	718.34	23.20
Duncan, Wm. B.	do.	175.56	
Eames, John O.	do.	718.06	
Eastman, Albion W.	do.	933.34	26.15
Eisenach, Walter.	do.	326.67	
Elliott, Joseph E.	do.	566.67	
Everts, W. S.	do.	468.06	25.18
Eyman, Walter R.	do.	875.56	43.50
Faunce, Theodore.	do.	278.89	
Fee, Oliver A.	do.	753.34	5.50
Fowler, O. E.	do.	843.34	15.00
Frey, Samuel A.	do.	903.34	75.52
Frizzell, Lawrence.	do.	898.34	31.60
Garrison, A. W.	do.	720.84	74.10
Garst, Stephen Q.	do.	895.84	
Gibbons, William H.	do.	309.17	
Girdner, James W.	do.	922.72	
Godwin, David Parker.	do.	1,000.00	368.59
Graden, Andrew J.	do.	503.34	
Gunther, Albert.	do.	603.34	
Gurr, James E.	do.	752.50	
Gustafson, Gustaf W.	do.	748.34	15.65
Henderson, Joseph L.	do.	322.78	
Henderson, William.	do.	916.67	68.66
Hibbard, Newell E.	do.	691.67	41.15
Higgins, Howard R.	do.	933.34	6.75
Hill, Perry J.	do.	925.84	42.35
Hill, Walter J.	do.	637.78	
Hillmon, Louis R.	do.	398.61	10.10
Hobbie, John V.	do.	213.34	
Hockett, H. C.	do.	933.34	16.35
Holcomb, Ed. A.	do.	881.67	49.55



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Holderman, E. S.....	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	\$800.84	\$29.25
Holm, Joseph B.....	do	869.17	41.50
Hooten, B. F.....	do	443.61	
Horton, William H.....	do	1,000.00	23.70
Howland, Geo. L.....	do	780.84	52.20
Huck, Henry.....	do	726.67	
Hufford, Howard.....	do	743.34	
Ingram, Pearl V.....	do	655.84	101.35
Jarvis, Burton.....	do	505.01	23.30
Jessen, Marion N.....	do	916.67	9.10
Job, Wallwin T.....	do	818.34	
Johnson, C. M.....	do	728.34	2.00
Johnson, R. P. A.....	do	933.34	422.91
Jones, I. E.....	do	645.84	30.55
Keas, Charles H.....	do	193.34	51.95
Keefe, Jr., John.....	do	593.34	17.00
Kingsley, Frank L.....	do	832.09	57.49
Kirby, Francis Lee.....	do	880.84	47.55
Klingensmith, O. C.....	do	820.84	70.85
Knapp, M. Donald.....	do	258.34	
La Font, Don C.....	do	220.00	
Lampe, Henry J.....	do	690.56	
Latham, Ira.....	do	476.67	
Leeman, Lee D.....	do	918.34	39.80
Lewis, Bert.....	do	1,000.00	61.45
Lewis, Charles T.....	do	885.84	10.85
Lindsay, Leroy.....	do	245.84	
Lough, E. H.....	do	620.84	6.30
McAllister, Charles R.....	do	933.34	82.21
McCall, Cyrus T.....	do	438.06	
McClung, Frank.....	do	600.56	6.70
McEntire, J. B.....	do	408.34	
McGuire, Clifton C.....	do	828.34	50.05
McKay, E. A.....	do	766.67	11.85
McKenzie, James.....	do	848.34	28.31
McKnight, Robert W.....	do	731.67	74.54
McMillan, D. A.....	do	871.67	48.30
McMillan, Frank C.....	do	351.94	16.50
MacBeath, D. L.....	do	898.34	16.25
MacKay, Ernest A.....	do	166.67	15.90
Marshall, Joseph H.....	do	234.17	
Martin, Merrill C.....	do	975.00	103.58
Mickey, Walter I.....	do	371.11	
Miller, Roy H.....	do	795.56	
Million, John.....	do	817.50	
Millsap, Sam F.....	do	589.17	6.30
Miner, Charles A.....	do	270.84	11.40
Morgan, Marvin.....	do	740.84	
Morrow, John A.....	do	466.67	45.25
Morse, Alston D.....	do	940.56	38.49
Moses, Richard E.....	do	644.17	
Mulligan, John E.....	do	166.67	
Munro, Robert.....	do	885.84	4.45
Nyce, George M.....	do	721.67	52.75
O'Keefe, Chas.....	do	348.61	
Oldfield, Ray.....	do	714.17	44.50
Parker, Hosea T.....	do	684.17	19.40
Parsons, W. L.....	do	447.50	
Plymale, Charles A.....	do	831.67	17.80
Pritchard, J. L.....	do	887.50	86.99
Purdy, Geo. W.....	do	579.17	
Race, William B.....	do	704.17	
Rak, Charles L.....	do	211.67	10.75
Reid, Percy.....	do	928.34	50.20
Renner, Ernest O.....	do	754.17	
Rhoades, Verne.....	do	830.84	117.40
Ruff, Clarence.....	do	869.17	41.81
Rumbaugh, Argyll L.....	do	889.17	
Russell, Clarence L.....	do	906.67	15.15

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Russell, Frederick R.....	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	\$801.67	\$52.65
Russell, John H.....	do.	513.34	.....
Saint, Benjamin F.....	do.	407.78	5.45
Schell, William.....	do.	933.34	44.35
Schmehl, Walter T.....	do.	510.84	82.55
Schroeder, August A.....	do.	739.17	104.06
Schuttler, John.....	do.	675.84	28.70
Sellers, Leonard B.....	do.	558.89	.....
Sethe, Fritz.....	do.	520.84	7.25
Shaw, Ralph R.....	do.	898.34	86.25
Siders, John T.....	do.	924.17	27.30
Sizer, James H.....	do.	822.50	2.75
Smith, Geo. W.....	do.	899.17	11.75
Smith, Virgil D.....	do.	895.84	13.15
Sorenson, Willard S.....	do.	947.22	.....
Spooner, Jasper F.....	do.	258.34	.....
Stanton, James W.....	do.	820.42	.....
Stark, J. M.....	do.	357.78	19.00
Stephens, J. Ray.....	do.	600.84	49.10
Stevenson, George C.....	do.	834.17	28.80
Stockbridge, Carl.....	do.	314.17	52.45
Strawn, Glenn.....	do.	418.34	10.00
Strong, Fred W.....	do.	607.78	15.60
Suter, Albert.....	do.	933.34	209.88
Swain, Joseph.....	do.	869.45	2.85
Talbot, Parker.....	do.	866.67	58.85
Taylor, Angus H.....	do.	616.67	48.10
Tefft, Guy E.....	do.	149.17	.....
Tempest, R. A.....	do.	764.45	.....
Terry, G. A.....	do.	910.84	47.28
Thomas, Elmer G.....	do.	523.34	.....
Thompson, W. H.....	do.	941.67	314.25
Thraves, Earl H.....	do.	885.84	15.45
Townsend, Harold.....	do.	916.67	.....
Townsend, Price.....	do.	922.78	37.70
Travis, Frank A.....	do.	830.56	46.00
Vandevier, John C.....	do.	700.84	3.25
Varney, E. L.....	do.	861.67	81.10
Vealey, Charles E.....	do.	933.34	58.70
Vincent, Harvey E.....	do.	241.67	.....
Vote, H. E.....	do.	933.34	53.12
Wade, H. F.....	do.	933.34	.....
Wagner, Albert C.....	do.	933.34	61.75
Waha, Howard B.....	do.	933.34	637.03
Walkup, Roy L.....	do.	306.67	8.30
Wallis, Francis.....	do.	820.84	56.35
Walsh, James J.....	do.	866.12	11.90
Weir, Fred A.....	do.	330.84	.....
Wells, Arthur J.....	do.	760.84	3.50
Wells, Dallas F.....	do.	908.34	9.00
Wheeler, Randolph A.....	do.	459.17	.....
Wilder, Albert R.....	do.	495.00	.....
Williams, Allen.....	do.	874.17	5.75
Williams, Jason P.....	do.	493.34	15.58
Wilson, C. H.....	do.	883.34	8.85
Wilson, Orvil.....	do.	452.50	.....
Wilson, William W.....	do.	720.84	64.90
Winnington, Jack R.....	do.	541.67	19.65
Wolfe, Jesse E.....	do.	405.84	6.30
Wood, John A.....	do.	285.84	.....
Wright, Hiram K.....	do.	841.67	60.76
Wright, Howard Silas.....	do.	710.84	36.35
Wright, Walter F.....	do.	985.00	.....
Yeaman, Geo. W.....	do.	900.84	36.00
Bird, George.....	Forest guard, hunter, at \$900.	300.00	.....
De Adder, William.....	do.	750.00	.....
Ellis, A. W.....	do.	365.00	.....
Norton, Albert W., jr.....	do.	355.00	.....
Parker, Carl H.....	do.	134.17	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Parker, T. H.	Forest guard, hunter, at \$900.	\$92.50	
Ridings, J. M.	do.	652.50	\$10.75
Standish, Walter	do.	150.00	
Wallace, John W.	do.	450.00	
Wilkerson, C. J.	do.	225.00	
Wolf, A. B.	do.	225.00	
Brown, W. J.	Forest guard, hunter, and trapper, at \$900.	450.00	11.75
Burns, Geo. Washington.	Forest guard, trapper, at \$900.	225.00	4.50
McIntire, John B.	do.	192.50	
McMahan, J. M.	do.	477.50	
Abbott, Paul H.	Forest guard, at \$900.	205.00	
Abbott, Ralph T.	do.	900.00	99.80
Adams, Clarence M.	do.	190.00	73.88
Adams, George W.	do.	327.50	
Adkins, James R.	do.	172.50	
Ahlvers, Henry.	do.	150.00	
Alkire, Josiah F.	do.	55.00	
Allen, Arthur B.	do.	57.50	
Allen, C. Frank.	do.	300.00	
Allen, Eliba L.	do.	17.50	
Allen, Geo. R.	do.	142.50	11.25
Allen, J. C.	do.	217.50	
Allen, Phillip T.	do.	122.50	
Allen, Roy H.	do.	170.00	
Alm, Karl H.	do.	90.00	
Amble, Nels.	do.	262.50	
Ames, Milton E.	do.	255.00	
Amos, Herman.	do.	207.50	
Anderson, Andrew L.	do.	260.00	
Anderson, Clarence.	do.	50.00	
Anderson, Frank.	do.	225.00	1.50
Anderson, J. O. F.	do.	505.00	13.00
Anderson, R. N.	do.	52.50	
Anderson, Wilbur E.	do.	860.00	7.50
Arendt, Geo.	do.	300.00	
Armitage, Sidney C.	do.	215.00	4.60
Armstrong, Phil. S.	do.	52.50	19.20
Aschoff, Henry.	do.	535.00	
Ashcroft, A. Calvin.	do.	300.00	10.20
Ashpaugh, Benj. S. F.	do.	225.00	
Atkeson, Walter R.	do.	137.50	
Atkins, Ross M.	do.	785.00	6.65
Atwood, E. W.	do.	25.00	
Augspurger, J. W.	do.	165.00	2.75
Ayer, Lawrence C.	do.	115.00	3.70
Ayers, Frank.	do.	55.00	
Babcock, R. B.	do.	300.00	
Bailey, Albert N.	do.	587.50	7.35
Bailey, Robert.	do.	300.00	
Baird, Carroll S.	do.	210.00	20.90
Baird, William W.	do.	127.50	3.60
Baker, Howard.	do.	115.00	
Barclay, Daniel A.	do.	147.50	
Bartholomew, Fred C.	do.	82.50	
Bateman, Ralph L.	do.	300.00	
Bates, Winford Frank.	do.	225.00	
Bauer, Philip C.	do.	232.50	
Beare, Leonard C.	do.	537.50	
Beard, Charles.	do.	707.50	
Beard, Frank.	do.	217.50	10.95
Beers, Frank R.	do.	35.00	
Behrens, J. G.	do.	225.00	7.10
Beier, Fred W., jr.	do.	37.50	
Bell, Emmett G.	do.	107.50	
Belshaw, Lewis.	do.	67.50	
Berg, Alex. L.	do.	135.00	
Berg, Chas.	do.	235.00	
Berlin, Will.	do.	262.50	7.50
Berray, James.	do.	65.00	
Berry, Horace.	do.	375.00	



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Berry, O. J.	Forest guard, at \$900	\$887.50	\$118.40
Bessey, William C.	do.	357.50	
Bettinger, Guy L.	do.	225.00	2.75
Betts, Fred H.	do.	340.00	
Bigley, Joseph	do.	57.50	
Bignell, G. A.	do.	821.67	36.00
Bishop, Arthur F.	do.	37.50	
Bishop, L. L.	do.	210.00	5.65
Bissell, Herbert H.	do.	600.00	8.00
Blake, John C.	do.	130.00	5.05
Blasingame, Paul B.	do.	175.00	8.50
Blatherwick, J. A.	do.	650.00	357.05
Blume, William Edward	do.	200.00	6.85
Bochman, Burns.	do.	62.50	
Bochmann, Herman	do.	172.50	
Bodle, Alvin T.	do.	147.50	
Boggs, John M.	do.	792.50	
Boissoneau, Joseph.	do.	202.50	
Bolton, J. D.	do.	402.50	
Bond, Frank W.	do.	85.00	
Bonner, Walter.	do.	27.50	
Bonney, James H.	do.	225.00	
Bonney, P. S.	do.	147.50	
Bordwell, E. M.	do.	465.00	19.55
Boright, Bret W.	do.	175.00	
Bowden, George F.	do.	130.00	
Bowles, Charles	do.	212.50	
Bowles, Samuel B.	do.	375.00	
Box, Reuben P.	do.	75.00	
Boyce, John B.	do.	415.00	
Boyce, John S.	do.	200.00	
Bradford, Fred C.	do.	122.50	
Bradshaw, Allen M.	do.	562.50	
Bramel, Ollie M.	do.	225.00	15.95
Brands, Jehiel Ross.	do.	225.00	
Brannan, Julius.	do.	75.00	
Brashear, William P.	do.	75.00	4.10
Bratton, Charles R.	do.	52.50	
Breidenstein, F. L.	do.	727.50	
Brenner, Carl O.	do.	900.00	9.70
Brittain, Roy.	do.	535.00	6.70
Broker, Frank T.	do.	95.00	
Brooks, C. B.	do.	77.50	
Brooks, J. D.	do.	400.00	
Brower, I. K.	do.	192.50	
Brown, Edward E.	do.	540.00	
Brown, Frank	do.	230.00	
Brown, John F.	do.	90.00	
Brown, Lucien M.	do.	227.50	
Brown, Marsh	do.	217.50	
Brown, Walter G.	do.	420.00	
Brown, Warren H.	do.	262.50	
Browne, H. B.	do.	45.00	
Buchek, John	do.	225.00	
Buchholz, Lee F.	do.	55.00	
Buckingham, Herbert W.	do.	215.00	
Buckingham, Thos. G.	do.	300.00	
Bucklar, George T.	do.	900.00	
Bucklew, Frank D.	do.	375.00	
Bullerick, Ray O.	do.	62.50	
Bundy, Obert O.	do.	160.00	
Burdick, A. C.	do.	822.50	16.25
Burghardt, J. G.	do.	225.00	
Burmister, Floyd A.	do.	75.00	
Burnett, Albert	do.	282.50	5.80
Burns, Will.	do.	52.50	
Burns, W. Albert	do.	512.50	18.05
Burster, Carl.	do.	147.50	
Burster, Ernest A.	do.	140.00	
Bush, Frank H.	do.	225.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bush, Justus W.....	Forest guard, at \$900 .....	\$450.00	.....
Bushaw, Charles.....	do.....	75.00	.....
Buster, Monty E.....	do.....	90.00	\$29.15
Callahan, Tim.....	do.....	85.00	.....
Cameron, Roy E.....	do.....	285.00	.....
Campbell, Archibald.....	do.....	150.00	.....
Campbell, Donald.....	do.....	250.00	.....
Campbell, Joseph F.....	do.....	52.50	.....
Campbell, Floyd.....	do.....	225.00	.....
Campbell, Neil.....	do.....	150.00	.....
Campbell, Robert.....	do.....	775.00	.....
Campbell, W. H.....	do.....	282.50	.....
Canfield, Fred W.....	do.....	616.25	10.25
Card, J. E., jr.....	do.....	265.00	.....
Carlson, Frank.....	do.....	865.00	11.70
Carrey, Thomas J.....	do.....	115.00	.....
Carter, Daniel R.....	do.....	892.50	12.25
Cash, W. W.....	do.....	187.50	.....
Casner, Andrew A.....	do.....	262.50	.....
Casper, John.....	do.....	22.50	.....
Cavanaugh, William S.....	do.....	165.00	.....
Caverhill, Walter H.....	do.....	60.00	.....
Chalker, O. R.....	do.....	320.00	.....
Chandler, Virgil W.....	do.....	150.00	.....
Chappell, Leslie.....	do.....	182.50	.....
Chase, Lewis R.....	do.....	37.50	.....
Cheesman, H. R.....	do.....	145.00	.....
Chemey, Edward M.....	do.....	535.00	.....
Chichester, Arthur S.....	do.....	40.00	.....
Chichester, Frank W.....	do.....	465.00	1.50
Chilson, S. W.....	do.....	195.00	.....
Chinn, George E.....	do.....	450.00	.....
Christie, William.....	do.....	137.50	.....
Christopher, J. D.....	do.....	250.00	.....
Claffey, Henry J.....	do.....	245.00	.....
Clark, Edward.....	do.....	810.00	.....
Clark, Fred F.....	do.....	445.00	.....
Clark, Ivor B.....	do.....	130.00	.....
Clark, Kay C.....	do.....	57.50	.....
Clark, William J.....	do.....	147.50	.....
Cleaver, Samuel R.....	do.....	445.00	2.35
Cleveland, Grover.....	do.....	900.00	.....
Clemons, William D.....	do.....	257.50	.....
Clifton, Arnold.....	do.....	147.50	.....
Cline, Alexander.....	do.....	157.50	.....
Coe, Charles.....	do.....	877.50	21.80
Coffman, Jack.....	do.....	110.00	.....
Cole, Charles C.....	do.....	52.50	.....
Collett, Michael A.....	do.....	45.00	.....
Collins, Wm. Alex.....	do.....	350.00	.....
Combs, Alden S.....	do.....	405.00	.....
Compton, Reuben A.....	do.....	190.00	.....
Concannon, Robt. L.....	do.....	865.00	.....
Conger, Thos. L.....	do.....	82.50	.....
Conrad, Clarence F.....	do.....	392.50	.....
Consalus, Fred.....	do.....	75.00	.....
Coon, Thomas L.....	do.....	235.00	.....
Cooper, William T.....	do.....	750.00	.....
Copeland, William.....	do.....	810.00	.....
Copenhaver, Thomas.....	do.....	165.00	.....
Copley, George A.....	do.....	412.50	4.60
Cosper, Cecil.....	do.....	157.50	16.95
Cosley, Joseph C.....	do.....	525.00	4.25
Cover, J. H.....	do.....	75.00	.....
Conzale, James.....	do.....	390.00	.....
Coyte, Jos. R.....	do.....	15.00	.....
Cozad, Leroy V.....	do.....	312.50	.....
Crane, Eugene.....	do.....	75.00	.....
Crane, Harrison M.....	do.....	622.50	69.45
Cranmer, George E.....	do.....	190.00	3.80

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Crew, W. H.	Forest guard, at \$900	\$250.00	\$12.65
Crittenden, T. D.	do.	350.00	11.10
Cromwell, Clay	do.	737.50	
Crook, Arthur J.	do.	167.50	
Crum, Marlon.	do.	453.75	11.90
Cuff, James	do.	450.00	
Cummings, Alex. A.	do.	482.50	
Cummings, Francis A.	do.	140.00	
Cummings, Melvin	do.	857.50	5.00
Cummins, Peter A.	do.	200.00	
Darkwood, James.	do.	132.50	
David, G. Z.	do.	370.00	
Davidson, James	do.	37.50	
Davidson, W. B.	do.	522.50	6.75
Davis, Holmes A.	do.	25.00	
Davis, Reid.	do.	255.00	
Day, S. E., jr.	do.	832.50	7.75
Deardorff, J. A.	do.	225.00	
DeCamp, J. C.	do.	142.50	8.85
DeLano, Thomas	do.	300.00	9.00
Dell, Walter V.	do.	690.00	12.40
Dempsey, John	do.	225.00	
Dennis, James	do.	165.00	2.70
Detrick, Rex	do.	92.50	
Deviney, Chas. H.	do.	298.00	
De Voe, Harry	do.	412.50	
Dimick, M. S.	do.	307.50	
Diss, Arthur J.	do.	175.00	
Diver, Clayton	do.	212.50	9.65
Divinelle, J. K.	do.	15.00	
Dockery, J.	do.	75.00	
Dobson, Floyd I.	do.	75.00	
Dolphin, Albert E.	do.	85.00	
Domino, Raymond	do.	92.50	
Donaldson, George	do.	150.00	
Donica, Dayton	do.	67.50	
Donnelly, M. P.	do.	342.50	
Dooley, F. J.	do.	442.50	
Dotson, J. A.	do.	100.00	
Doty, Frank	do.	207.50	
Dougherty, William S.	do.	102.50	
Doughty, Ralph Coles.	do.	900.00	
Douglas, Clyde	do.	187.50	
Douglas, Joseph F.	do.	480.00	
Douglass, Britain T.	do.	525.00	14.00
Dowell, Alex.	do.	75.00	
Drake, Howard	do.	440.00	
Drakenberg, Albin	do.	37.50	
Drouillard, Joseph W.	do.	147.50	
Dunbach, David	do.	275.00	
Duncan, Geo. P.	do.	500.00	
Duncan, Nathan E.	do.	147.50	
Duncan, R. A.	do.	137.50	
Duncan, William C.	do.	300.00	
Dunham, Robert Alex	do.	900.00	1.59
Dunn, James	do.	262.50	
Dunstan, W. J.	do.	282.50	
Dunston, Gale James	do.	790.00	16.20
Durfee, Joseph E.	do.	450.00	
Eamon, John A.	do.	95.00	
Eastland, V. O.	do.	420.00	99.75
Edgington, Warren	do.	37.50	
Edwards, Charles H.	do.	650.00	78.86
Edwards, L. G.	do.	289.00	
Edwards, Thomas	do.	160.00	
Ekhoft, John	do.	225.00	
Ellich, Walter L.	do.	50.00	
Elliott, Harry R.	do.	40.00	
Elliott, S. J.	do.	300.00	6.75
Ellis, Clinton	do.	205.00	



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ellis, Edgar.....	Forest guard, at \$900 .....	\$205.00	.....
Ellis, Roy P.....	do.....	247.50	.....
Emory, L. Earl.....	do.....	32.50	.....
Emmons, Charles L.....	do.....	900.00	\$61.45
Englerth, John J.....	do.....	185.00	.....
Enkebol, Alf.....	do.....	222.50	.....
Enyeart, Ray.....	do.....	65.00	.....
Escher, Wiley E.....	do.....	45.00	.....
Evans, O. M.....	do.....	40.00	.....
Evans, R. T.....	do.....	267.50	.....
Evered, Alfred C.....	do.....	55.00	17.05
Ewing, James.....	do.....	150.00	.....
Ezell, James R.....	do.....	25.00	.....
Fairfax, Jackson A.....	do.....	105.00	.....
Farley, J. H.....	do.....	170.00	.....
Farrington, Austin C.....	do.....	812.50	12.25
Farris, Gilbert J.....	do.....	132.50	.....
Favre, Clarence E.....	do.....	75.00	.....
Fearn, Harvey.....	do.....	115.00	6.80
Fee, John.....	do.....	477.50	.....
Field, Ruby C.....	do.....	10.00	.....
Findell, Elmer.....	do.....	775.00	.....
Findley, Fred W.....	do.....	82.50	.....
Fine, William Ira.....	do.....	735.00	.....
Finley, Morris F.....	do.....	147.50	.....
Finney, Elisha C.....	do.....	225.00	.....
Fischer, William.....	do.....	642.50	.....
Fisk, Henry W.....	do.....	92.50	.....
Fitchett, D. T.....	do.....	37.50	.....
Fletcher, J. Henry.....	do.....	610.00	.....
Foley, Truman O.....	do.....	27.50	.....
Foote, Robert E.....	do.....	300.00	14.40
Forbes, Earl G.....	do.....	225.00	8.10
Forster, James E.....	do.....	512.50	44.60
Frazier, A. A.....	do.....	450.00	.....
Freeburn, Charles.....	do.....	302.50	9.00
Freeman, F. J.....	do.....	97.50	42.00
Freeman, Frank L.....	do.....	315.00	.....
Freeman, G. E.....	do.....	225.00	.....
Freeman, Ross L.....	do.....	315.00	.....
Frendenburg, Charles.....	do.....	447.50	.....
Frey, W. R.....	do.....	417.50	.....
Freymliller, Fred.....	do.....	397.50	.....
Fulkerth, I. M.....	do.....	330.00	.....
Fuller, William.....	do.....	45.00	.....
Gaines, Herbert W.....	do.....	440.00	.....
Galbraith, John W.....	do.....	145.00	3.25
Gallaway, S. S.....	do.....	207.50	.....
Gardner, William R.....	do.....	177.50	.....
Garlock, Levi C.....	do.....	150.00	.....
Gautier, Joseph.....	do.....	75.00	.....
George, Wm. H.....	do.....	102.50	.....
Ghesegar, John W.....	do.....	117.50	.....
Gilchrist, Floyd E.....	do.....	257.50	.....
Gill, Harold.....	do.....	37.50	.....
Gille, Henry.....	do.....	225.00	.....
Gilleland, Ray J.....	do.....	527.50	.....
Gillette, H. Irving.....	do.....	230.00	.....
Gillette, Leon A.....	do.....	825.00	4.55
Gilliam, T. J.....	do.....	412.50	69.85
Gilliam, Walter F.....	do.....	590.00	7.25
Gilman, Walter L.....	do.....	212.50	.....
Gilson, I. G.....	do.....	197.50	3.75
Githens, Richard L.....	do.....	75.00	.....
Glaze, L. V.....	do.....	170.00	.....
Gliddez, Arthur B.....	do.....	40.00	.....
Godfrey, David E.....	do.....	125.00	9.45
Goeglein, Robt. W.....	do.....	82.50	.....
Goodale, Grant.....	do.....	900.00	42.80
Goodale, Harry A.....	do.....	197.50	.....

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Goodman, F. A.	Forest guard, at \$900.	\$300.00	
Goolie, Arthur	do.	237.50	
Gospill, J. G.	do.	175.00	
Graham, Joseph	do.	612.50	\$72.30
Grand, John	do.	852.50	40.52
Grantier, Robert K.	do.	150.00	
Grob, W. F.	do.	762.50	
Grogan, John F.	do.	25.00	
Groom, C. F.	do.	125.00	
Grotz, Geo. W.	do.	300.00	
Greear, Robert	do.	22.50	
Gregory, Marion A.	do.	105.00	
Greve, Thomas W.	do.	37.50	7.00
Griffith, Emerson J.	do.	190.00	
Griggs, Thomas H.	do.	900.00	5.75
Grimes, Jessie D.	do.	205.00	
Grimes, John R.	do.	237.50	
Gustafsen, R. R.	do.	47.50	
Guthrie, R. F.	do.	15.00	
Haines, Arthur C.	do.	767.50	26.70
Haines, Henry H.	do.	10.00	
Hall, J. M.	do.	195.00	
Hallenbeck, Albert M.	do.	122.50	
Halliday, A. W.	do.	85.00	
Halverson, Andrew	do.	165.00	
Hamby, Wm. V.	do.	450.00	
Hamel, William J.	do.	262.50	
Hamersley, William	do.	900.00	
Hamilton, Harry W.	do.	245.00	
Hammitt, C. C.	do.	75.00	
Hammond, Joseph M.	do.	525.00	
Hand, Ira	do.	227.50	
Handberg, John G.	do.	730.00	19.36
Hands, E. John	do.	75.00	
Hanna, Forman G.	do.	412.50	13.00
Hansen, George	do.	150.00	
Hanson, Charles A.	do.	885.00	10.20
Harbour, Benjamin P.	do.	17.50	
Hardee, Homer S.	do.	165.00	
Hardin, Calvin T.	do.	440.00	
Hardin, T. M.	do.	200.00	16.35
Harding, J. A.	do.	315.00	
Harlow, Arthur	do.	165.00	
Harpham, Edwin E.	do.	612.50	1.65
Harriman, W. O.	do.	425.00	31.80
Harris, Alexander	do.	10.00	
Harris, Robert H.	do.	75.00	
Harris, Samuel J.	do.	75.00	
Harris, W. L.	do.	107.50	
Hart, Francis D.	do.	205.00	
Hart, Richard N.	do.	307.50	
Harvey, J. E.	do.	132.50	
Hasbrouck, E. H.	do.	230.00	
Hatch, Henry T.	do.	247.50	
Hatfield, R. J.	do.	540.00	6.75
Hathaway, Milton E.	do.	115.00	
Hauerwas, John	do.	345.00	
Hankins, Paul	do.	165.00	
Hawkins, George W.	do.	390.00	
Hawkins, Joe Madison	do.	175.00	
Hayes, William	do.	535.00	33.40
Haynes, L. G.	do.	480.00	60.83
Hays, Wilber B.	do.	300.00	
Hayward, Calvin	do.	195.00	
Headsten, Edward W.	do.	750.00	216.46
Heath, Frank R.	do.	150.00	
Hedges, Oliver C.	do.	120.00	
Hegler, George T.	do.	292.50	
Heikes, Marion E.	do.	555.00	3.45
Heinzleman, B. Frank	do.	223.90	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hellan, Walter G.	Forest guard, at \$900.	\$895.00	\$42.35
Henderson, Charles S.	do.	280.00	6.60
Hendricks, Frank X.	do.	115.00	
Hendricks, Robert.	do.	150.00	
Hennessey, George.	do.	107.50	
Hensley, Cyrus F.	do.	337.50	
Herrick, Lincoln.	do.	900.00	252.71
Herring, Chas. S. II.	do.	292.50	
Hershey, Ben.	do.	207.50	
Herter, Henry.	do.	450.00	
Herwick, Guy.	do.	132.50	
Hetland, Edward.	do.	65.00	
Hicks, Guy L.	do.	152.50	
Higgins, Frank.	do.	750.00	17.20
Hill, Carl C.	do.	225.00	
Hill, Robert R.	do.	215.00	17.01
Hines, Walter.	do.	127.50	
Hines, H. M.	do.	187.50	
Hitchcock, John, Jr.	do.	252.50	
Hodapp, E. F.	do.	425.00	
Hodges, Clinton A.	do.	165.00	
Hofar, Walter.	do.	505.00	
Hogon, Jules.	do.	75.00	
Hogue, Clarence E.	do.	297.50	18.25
Hoke, Ellis.	do.	827.50	6.35
Hole, Maurice.	do.	227.50	
Hollingshead, L. A.	do.	102.50	
Holt, Harold.	do.	232.50	2.25
Hon, Hugh.	do.	225.00	
Hood, W. Douglas.	do.	145.00	2.00
Hoover, William.	do.	547.50	23.25
Hopping, Karl.	do.	310.00	8.60
Horton, Harold W.	do.	62.50	
Hotchkiss, Augustus.	do.	115.00	
Howell, Arch.	do.	225.00	
Howells, Clayton M.	do.	507.50	29.56
Hoxsey, William M.	do.	337.50	
Hudson, Charles F.	do.	225.00	7.10
Hudson, Herbert C.	do.	337.50	17.07
Huffman, Arnel R.	do.	157.50	
Hufford, Edmond M.	do.	725.00	
Hughes, James.	do.	162.50	
Hunt, Roy A.	do.	322.50	58.10
Hunt, W. T.	do.	22.50	
Hurd, Marean G.	do.	822.50	39.45
Huston, Rush J.	do.	900.00	59.78
Hyde, Walter J.	do.	165.00	
Hydern, Robert L.	do.	197.50	
Iles, Frank B.	do.	352.50	7.75
Ireland, Homer J.	do.	217.50	
Irvine, C. M.	do.	120.00	
Irwin, Frank C.	do.	150.00	
Israel, Clem.	do.	162.50	
Jackson, John.	do.	262.50	
Jackson, Joseph W.	do.	305.00	5.55
Jameson, Ernest.	do.	300.00	43.50
Jebe, William F.	do.	552.50	4.50
Jeffreys, Al.	do.	435.00	
Jenkins, Tom.	do.	272.50	
Jenks, Fred C.	do.	20.00	
Jensen, Chas. C.	do.	107.50	
Johns, Horace D.	do.	525.00	
Johnson, Clifford.	do.	750.00	22.50
Johnson, Harry E.	do.	130.00	
Johnson, Herman M.	do.	112.50	
Johnstun, Jesse.	do.	102.50	
Jones, Evan.	do.	225.00	15.85
Jones, Harry.	do.	50.00	
Jones, Howard W.	do.	75.00	
Jones, Robert G.	do.	252.50	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jones, William H.	Forest guard, at \$900.	\$225.00	
Jordan, Charley E.	do.	577.50	\$26.60
Joy, Evan A.	do.	462.50	
Judy, Lloyd M.	do.	127.50	
Keating, Gust.	do.	367.50	
Keegan, Matthew	do.	887.50	18.15
Kegg, Henry Clay	do.	900.00	
Keith, Charles L.	do.	65.00	
Kelley, John C.	do.	380.00	
Kelley, Martin L.	do.	375.00	
Kelley, Walter L.	do.	115.00	
Kellogg, G. H.	do.	235.00	207.30
Kellogg, Truman O.	do.	227.50	3.50
Kelly, Alfred	do.	792.50	
Kelly, F. R.	do.	292.50	
Kelly, William F. E.	do.	125.00	
Kennedy, Horton P.	do.	150.00	
Kennedy, J. E.	do.	187.50	2.20
Kennedy, J. M.	do.	32.50	
Kennet, John	do.	17.50	
Kent, Edward	do.	75.00	
Kerby, Edward S.	do.	290.00	3.55
Kesler, William H.	do.	352.50	
Keyes, Clarence M.	do.	37.50	
Kibbe, Thomas	do.	137.50	
Kierstead, William E.	do.	112.50	
Killoren, jr., John P.	do.	225.00	
Killpack, Edwd. A.	do.	450.00	
King, Claude	do.	142.50	
Kinney, Thos. E.	do.	550.00	73.50
Kirby, Edward	do.	137.50	
Kirchner, John	do.	900.00	
Kitridge, J. C.	do.	665.00	4.40
Kleckner, Geo. B.	do.	147.50	
Kleiber, Hans N.	do.	447.50	6.45
Kloppenburg, Henry A.	do.	115.00	
Kniff, Arthur F.	do.	450.00	
Knight, Edwin F.	do.	82.50	
Knowles, Percy	do.	612.50	8.85
Koontz, Henry E.	do.	105.00	
Kopta, John	do.	62.50	
Kramer, August H.	do.	575.00	
Krauph, George	do.	225.00	
Kresge, George H.	do.	265.00	
Kress, Charles J.	do.	225.00	
Kriesche, jr., Frank	do.	7.50	
Krigbaum, E. M.	do.	100.00	
Kroger, Henry A.	do.	900.00	20.35
Lackridge, Wm. H.	do.	75.00	
Ladd, Lewis D.	do.	177.50	
La Marche, James A.	do.	565.00	
Lamb, Earl	do.	102.50	144.10
Landess, Geo. J.	do.	805.00	27.25
Lane, Chas. M.	do.	137.50	
Lansing, R. W.	do.	502.50	2.25
Larkey, Charles	do.	182.50	
Larsen, L. K.	do.	175.00	5.90
Larson, jr., John	do.	105.00	
Larson, J. A.	do.	222.50	3.75
Lawrence, C. N.	do.	100.00	
Lawrence, T. A.	do.	75.00	
Lawson, Sidney C.	do.	197.50	
Lay, Lewis	do.	117.50	
Leach, Patrick H.	do.	150.00	
Lee, Tom W.	do.	292.50	
Leonard, Louis	do.	225.00	
Leve, Walter H.	do.	261.67	4.02
Lewis, C. W.	do.	150.00	
Lewis, David	do.	150.00	
Lewis, D. H.	do.	37.50	6.90

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lickel, Harvey J.	Forest guard, at \$900.	\$200.00	
Liddiard, Alex H.	do.	362.50	\$13.50
Liefen, Theodore H.	do.	40.00	
Lillie, Earl R.	do.	405.00	
Linde, John L.	do.	172.50	
Lindsley, Norman D.	do.	32.50	
Lingenfelter, jr., C. H.	do.	7.50	
Linville, A. J.	do.	570.00	
Linville, Elzie.	do.	900.00	17.50
Lockhart, James.	do.	225.00	
Lockridge, Wm. H.	do.	395.00	6.00
Lofton, P. D.	do.	900.00	
Logan, Robert H.	do.	600.00	6.00
Long, Clark D.	do.	250.00	
Long, Ed.	do.	272.50	
Long, Frank.	do.	160.00	
Longdon, J. M.	do.	371.11	
Loveless, Marshall D.	do.	375.00	
Lowden, James.	do.	75.00	1.70
Lunsford, Wm. J.	do.	832.50	
Lutter, August F.	do.	300.00	
Lyle, David R.	do.	200.00	6.50
McAbee, John L.	do.	237.50	
McAnally, C. C.	do.	225.00	
McCarty, Walter F.	do.	27.50	
McClung, James H.	do.	225.00	
McCormick, Cecil M.	do.	252.50	18.75
McCormick, Hayward H.	do.	655.00	36.96
McCrea, Ernie.	do.	270.00	
McCullough, Max.	do.	75.00	
McDonald, James H.	do.	182.50	
McDuffie, Maynard H.	do.	75.00	
McFarland, C. B.	do.	432.50	
McGee, Noah C.	do.	225.00	
McGill, David F.	do.	875.00	3.80
McGuinn, Thomas P.	do.	22.50	
McIntyre, S. A.	do.	340.00	
McKay, James A.	do.	175.00	
McKay, Louis.	do.	22.50	
McKenzie, Arba A.	do.	92.50	
McKenzie, Malcolm.	do.	187.50	
McKibben, V. M.	do.	225.00	18.40
McKinsey, Geo. E.	do.	115.00	
McLaughlin, U. F.	do.	522.60	6.60
McLean, J. S.	do.	150.00	
McLendon, Alexander.	do.	900.00	
McMaster, Wm. A.	do.	25.00	
McNamara, Jas. H.	do.	150.00	13.00
McPherson, Silas.	do.	372.50	
McPherson, W. A.	do.	137.50	
McSherry, Charles W.	do.	75.00	
Mayberry, L. H.	do.	95.00	
Macauley, Norman.	do.	45.00	
Macdonald, Hugh J.	do.	45.00	
Macnab, A. T.	do.	897.50	11.52
Maelzer, Valentine.	do.	240.00	
Maier, John.	do.	150.00	
Maitlen, Ira.	do.	117.50	
Malbone, Claude E.	do.	610.00	2.50
Mallery, Smith R.	do.	142.50	
Manary, Wallace.	do.	335.00	
Marchant, Maurice C.	do.	900.00	
Marcum, William.	do.	147.50	
Martin, Ben P.	do.	40.00	
Martin, Charles P.	do.	300.00	124.50
Martin, Joseph H.	do.	267.50	
Martin, William J.	do.	225.00	10.70
Masiker, A. O.	do.	150.00	10.80
Mathews, Jerome.	do.	195.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Matthews, Stanley F.	Forest guard, at \$900	\$217.50	
Matthews, G. S.	do.	222.50	
Matthews, Jewett D.	do.	170.00	\$15.15
Mattson, Frank W.	do.	172.50	
Mauer, Raymond E.	do.	300.00	
Maynard, L. A.	do.	50.00	
Meadows, Jr., S. W.	do.	67.50	
Mero, Hedley L.	do.	857.50	15.40
Mellenthin, Rudolph E.	do.	812.50	
Mellenthin, Walter.	do.	37.50	
Merrill, Herbert D.	do.	115.00	4.50
Merritt, Robert G.	do.	352.50	125.16
Middleton, Clifford E.	do.	150.00	
Middleton, Monk H.	do.	172.50	
Miller, Edward G.	do.	375.00	
Miller, Gierson.	do.	148.75	
Miller, Frank.	do.	225.00	
Miller, John B.	do.	197.50	
Miller, Joseph C.	do.	192.50	
Miller, Robert C.	do.	300.00	
Miller, Stephen Ivan.	do.	357.50	28.00
Millington, Daniel K.	do.	40.00	
Mitchell, A. B.	do.	375.00	34.15
Mitchell, Glenn E.	do.	517.50	7.10
Moats, Bert.	do.	187.50	
Moats, Elmer.	do.	187.50	
Moffat, jr., Joseph S.	do.	162.50	
Monahan, James A.	do.	182.50	
Moore, Arthur J.	do.	225.00	
Morris, Wm. S.	do.	82.50	
Morrison, Edward U.	do.	612.50	
Moseley, J. E.	do.	877.50	15.10
Moses, B. L.	do.	637.50	
Mosher, Frank J.	do.	15.00	
Moss, Harold G.	do.	422.50	
Muir, Earl G.	do.	777.50	8.95
Muir, John R.	do.	137.50	
Mullen, Lee G.	do.	317.50	
Murdock, Louis.	do.	60.00	
Myers, Frank A.	do.	705.00	
Nason, Edward M.	do.	265.00	
Nelson, Ed.	do.	177.50	26.73
Nelson, John W.	do.	232.50	
Nelson, Miles D.	do.	842.50	36.46
Nelson, William E.	do.	340.00	
Nesbit, John.	do.	37.50	
Newlin, Percy.	do.	37.50	
Newman, William W.	do.	70.00	
Newmeyer, Robert.	do.	40.00	
Newton, William E.	do.	275.00	
Nelson, Dan.	do.	250.00	
Nisius, William A.	do.	75.00	
Noddin, Ralph E.	do.	112.50	
Nordyke, Carl.	do.	62.50	
Nourse, R. W.	do.	750.00	
Ohl, Richard H.	do.	527.50	
Olson, Charles E.	do.	17.50	
Olson, C. H.	do.	75.00	
Olson, Oscar J.	do.	37.50	
O'Neal, Ezra H.	do.	132.50	
Opalka, Frank.	do.	765.00	16.10
Oppel, Arthur F.	do.	87.50	
Orcutt, Elwin L.	do.	212.50	
Osner, George.	do.	187.50	6.44
Owen, Harry H.	do.	75.00	
Owens, Edward B.	do.	37.50	
Page, Marshall Parks.	do.	295.00	45.05
Page, Perry.	do.	140.00	
Park, Earl L.	do.	300.00	
Parker, George V.	do.	900.00	9.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Parks, Edward A.	Forest guard, at \$900	\$217.50	
Parks, Roy	do.	160.00	
Patrick, Clarence	do.	197.50	
Patterson, jr., Wm. A.	do.	295.00	
Patton, B. S.	do.	495.00	\$20.00
Paul, H. S.	do.	2.50	
Paul, Otto	do.	162.50	
Paul, W. F.	do.	262.50	
Peach, Robert	do.	177.50	
Peachy, Albert L.	do.	137.50	
Pearce, Oscar W.	do.	490.00	4.20
Pearson, J. Frank	do.	225.00	
Pederson, Paul H.	do.	72.50	
Penland, W. F.	do.	225.00	
Perkins, George W.	do.	667.50	
Perkins, J. W.	do.	120.00	35.25
Pesh, Arnold	do.	212.50	
Peterson, Peter C.	do.	825.00	9.25
Peterson, Alfred N.	do.	150.00	
Peterson, Andrew	do.	300.00	
Peterson, William C.	do.	495.00	
Peterson, Wallace J.	do.	75.00	
Pettibone, Henry B.	do.	37.50	
Phelps, Geo. L.	do.	270.00	
Phillips, Arthur T.	do.	140.00	
Phillips, John A.	do.	362.50	
Phillips, Roland	do.	250.00	12.10
Phillips, R. A.	do.	215.00	9.50
Pidcock, M. B.	do.	127.50	
Pierce, Frank	do.	255.00	47.42
Pike, Frank A.	do.	185.00	
Plonjeaux, Fred V.	do.	315.00	
Plummer, F. G.	do.	112.50	
Poe, Mark H.	do.	395.00	2.80
Pollock, S. F.	do.	92.50	
Poole, Charles E.	do.	190.00	
Pope, C. R.	do.	47.50	
Porter, Fred	do.	137.50	
Porter, Frank E.	do.	175.00	
Powell, H. E.	do.	357.50	22.75
Powers, Harvey A.	do.	75.00	
Pratt, John M.	do.	175.00	
Price, J. W.	do.	772.50	11.25
Price, Thos. E.	do.	140.00	
Priestly, Harold S.	do.	85.00	
Printz, Frank	do.	62.50	
Privat, Bernard	do.	900.00	90.55
Probus, J. B.	do.	100.00	24.95
Pickett, Claud A.	do.	275.00	8.55
Purcell, Charles	do.	75.00	
Purvis, William M.	do.	350.00	18.65
Quick, Samuel R.	do.	187.50	
Quigley, J. F.	do.	75.00	
Rachford, Harry E.	do.	362.50	
Rairdon, Clifford J.	do.	160.00	
Randles, Henry	do.	75.00	
Read, D. Livingstone	do.	732.50	13.00
Reed, C. W.	do.	212.50	
Reed, J. W.	do.	140.00	
Renn, George E.	do.	225.00	19.75
Renshaw, Harvey H.	do.	277.50	
Renshaw, Herbert H.	do.	150.00	
Reynolds, Curtis H.	do.	177.50	
Rhoades, Cyrus N.	do.	222.50	
Rice, John H.	do.	695.00	6.00
Richardson, Emmett L.	do.	175.00	
Richardson, James	do.	130.00	
Ridley, Joseph	do.	320.00	
Riggs, Richard R.	do.	150.00	
Riley, Geo. L.	do.	127.50	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Robertson, Erasmus E. ....	Forest guard, at \$900. ....	\$552.50	\$7.90
Robinson, Daniel. ....	do. ....	300.00	.....
Robinson, Paul. ....	do. ....	900.00	.....
Robinson, Thos. E. ....	do. ....	150.00	5.45
Robinson, Walter. ....	do. ....	162.50	.....
Roche, Ashley L. ....	do. ....	407.50	1.60
Rock, W. H. ....	do. ....	225.00	.....
Roescheisen, Chas. ....	do. ....	645.00	24.40
Rogers, B. S. ....	do. ....	807.50	2.75
Rogers, Perry. ....	do. ....	315.00	.....
Rood, C. M. ....	do. ....	200.00	1.75
Roper, William H. ....	do. ....	85.00	.....
Rossiter, Samuel T. ....	do. ....	225.00	.....
Roundy, W. A. ....	do. ....	282.50	31.90
Rovers, William C. ....	do. ....	137.50	.....
Rowe, George B. ....	do. ....	172.50	.....
Ruark, Corwin. ....	do. ....	77.50	.....
Rushworth, Edward H. ....	do. ....	245.00	.....
Ryan, Lawrence. ....	do. ....	120.00	.....
Salisbury, Earl A. ....	do. ....	140.00	15.85
Santmyer, S. J. ....	do. ....	650.00	11.85
Sappington, Edward. ....	do. ....	107.50	.....
Savage, Glen. ....	do. ....	152.50	.....
Sayles, William. ....	do. ....	240.00	3.90
Scarlett, Fred A. ....	do. ....	298.75	3.00
Schaeffer, John. ....	do. ....	455.00	3.98
Schattner, Guy B. ....	do. ....	75.00	.....
Schmidt, Harry A. ....	do. ....	577.50	6.70
Schoenberg, Otto P. ....	do. ....	187.50	.....
Schofield, Oliver E. ....	do. ....	352.50	.....
Schuldt, Emil G. ....	do. ....	125.00	.....
Schulz, Herman. ....	do. ....	300.00	.....
Schuster, Benjamin. ....	do. ....	200.00	.....
Scott, Paul M. ....	do. ....	75.00	.....
Scott, R. M. ....	do. ....	257.50	7.85
Seaborne, Fred. ....	do. ....	830.00	23.40
Searcy, B. K. ....	do. ....	285.00	.....
Seeland, Chris. ....	do. ....	117.50	.....
Sellon, M. A. ....	do. ....	787.50	15.15
Sethe, William. ....	do. ....	232.50	.....
Shank, Silas. ....	do. ....	892.50	.....
Shaw, Frank E. ....	do. ....	112.50	.....
Shearer, William J. ....	do. ....	80.00	.....
Shelley, Harry W. ....	do. ....	435.00	7.45
Sheriff, Ralph E. ....	do. ....	827.50	105.50
Shevling, Louie W. ....	do. ....	900.00	.....
Shields, Richard F. ....	do. ....	802.50	14.00
Shields, William E. ....	do. ....	225.00	.....
Shinn, C. H. ....	do. ....	35.00	.....
Short, Estus. ....	do. ....	250.00	.....
Shull, E. B. ....	do. ....	187.50	.....
Shumaker, Albin R. ....	do. ....	75.00	.....
Sibbetts, James. ....	do. ....	150.00	.....
Sibbenman, Robert A. ....	do. ....	60.00	.....
Sidwell, Wilson. ....	do. ....	160.00	6.50
Sievers, Henry J. ....	do. ....	32.50	.....
Silcox, Geo. A. ....	do. ....	360.00	.....
Simmons, Grover C. ....	do. ....	22.50	.....
Simmons, Wm. F. ....	do. ....	102.50	.....
Simpson, Herschel H. ....	do. ....	210.00	.....
Simpson, Thomas. ....	do. ....	112.50	.....
Sims, John. ....	do. ....	217.50	.....
Sischo, Edward. ....	do. ....	225.00	.....
Sisson, A. B. ....	do. ....	62.50	.....
Skillman, Murray. ....	do. ....	72.50	.....
Skinner, Alfonso M. ....	do. ....	12.50	.....
Slinkard, Earl. ....	do. ....	37.50	.....
Slinkard, Lee. ....	do. ....	842.50	.....
Slonaker, L. Vernon. ....	do. ....	125.00	.....
Smethurst, Archie R. ....	do. ....	215.00	62.70

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Frank J.	Forest guard, at \$900	\$325.00	
Smith, H. J.	do.	15.00	
Smith, I. J.	do.	257.50	
Smith, John L.	do.	40.00	
Smith, James W.	do.	225.00	
Smith, Lee.	do.	52.50	
Smith, Ralph.	do.	315.00	
Smith, Roy.	do.	75.00	\$28.45
Smoot, Frank.	do.	87.50	
Smurr, Glenn L.	do.	262.50	8.05
Snell, Carl.	do.	225.00	
Snell, E. L.	do.	215.00	57.45
Snelling, Roy.	do.	840.00	12.00
Soll, Henry.	do.	447.50	
Somers, John B.	do.	95.00	
Spradling, Henry.	do.	72.50	
Stahl, Arthur F.	do.	300.00	16.10
Staninger, Earle W.	do.	215.00	
Stanley, Allan J.	do.	55.00	
Stanley, Fred.	do.	282.50	
Stapleton, Frank E.	do.	182.50	
Starker, T. J.	do.	37.50	
Steele, H. R.	do.	222.50	17.25
Steenesson, Hale.	do.	137.50	4.00
Stevenson, Geo. E.	do.	130.00	
Stewart, Donald B.	do.	62.50	
Stewart, Harold B.	do.	22.50	
Stewart, H. C.	do.	307.50	259.66
Stillwell, Eugene L.	do.	582.50	
Stith, Jess W.	do.	145.00	
Stockdale, Lewis C.	do.	337.50	82.97
Stocks, Edwin.	do.	150.00	
Stoneberg, Oscar.	do.	122.50	
Stonehocker, Clyde.	do.	30.00	
Stonehocker, C. P.	do.	180.00	
Swearengin, S. C.	do.	795.00	23.50
Sweet, William C.	do.	440.00	11.95
Sweet, Clarence H.	do.	40.00	
Syler, Frank W.	do.	427.50	
Tanner, Russell V.	do.	725.00	2.00
Tart, Arthur T.	do.	175.00	
Taylor, Arthur.	do.	140.00	
Taylor, Charles.	do.	705.00	20.65
Taylor, Geo. E.	do.	137.50	
Taylor, Joe M.	do.	70.00	
Teeters, Jake.	do.	15.00	
Thayer, Paul C.	do.	517.50	14.95
Thayer, W. H.	do.	365.00	5.55
Thiel, Ferdinand H.	do.	347.50	28.75
Thomas, Dee.	do.	225.00	
Thomas, Leon E.	do.	895.00	60.80
Thompson, Charley S.	do.	255.00	
Thompson, John A.	do.	150.00	
Thompson, Prentiss G.	do.	170.00	
Thompson, Ray H.	do.	75.00	
Thornbrue, C. Ernest.	do.	150.00	
Thorne, Alfred R.	do.	435.00	
Thrall, Howard A.	do.	692.50	
Thullen, Joseph M.	do.	47.50	
Tibbetts, Fredk. A.	do.	852.50	
Tibbott, Fred M.	do.	292.50	73.35
Tidwell, Rufus H.	do.	225.00	8.75
Tinney, David M.	do.	450.00	
Tooke, Roscoe C.	do.	147.50	
Townes, Allen.	do.	130.00	
Townsend, Robt. L.	do.	150.00	
Tracy, Alva.	do.	150.00	
Tracy, S. D.	do.	177.50	
Travis, Paul L.	do.	52.50	
Treadway, Bernard O.	do.	225.00	2.25



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Trueman, Edward	Forest guard, at \$900	\$255.00	
Trueman, Ray I.	do	450.00	
Trueman, Roy M.	do	262.50	
Tungate, Jasper	do	182.50	
Tureman, C. E.	do	625.00	
Turner, A. B.	do	180.00	
Turner, Wilmot C.	do	450.00	
Ulrich, Low H.	do	265.00	
Upham, Frank	do	120.00	
Van Dyke, J. D.	do	45.00	
Van Horn, M. A.	do	445.00	
Venturini, Dante	do	25.00	
Viles, George A.	do	750.00	\$81.76
Villtrup, Anton M.	do	140.00	
Vincent, William H.	do	150.00	
Vinerman, William	do	27.50	
Wade, Harry W.	do	50.00	
Wagner, C. S.	do	142.50	2.75
Waldrop, Frank	do	112.50	
Walker, William A.	do	137.50	
Walton, Cleveland A.	do	82.50	
Ward, Frank	do	135.00	
Ward, Ray E.	do	412.50	
Ware, W. W.	do	112.50	
Warr, Wade W.	do	147.50	
Warren, Leon J.	do	70.00	
Warthen, Joseph C.	do	32.50	
Waterer, C.	do	130.00	
Watkins, Andrew J.	do	75.00	
Watson, William O.	do	87.50	
Way, Lewis C.	do	582.50	
Wayman, Marion D.	do	22.50	
Weatherford, Mark	do	232.50	8.85
Weatherford, Thos. J.	do	337.50	
Weaver, Chas. Edwd.	do	350.00	
Weber, Peter	do	375.00	4.05
Wentworth, Bert	do	52.50	
West, Geo. H.	do	322.50	
West, H. Lee	do	170.00	
West, Lee	do	57.50	
Wethered, John L.	do	112.50	
Weyburn, Chas. W.	do	112.50	
Wheeler, R. S.	do	217.50	
White, Amos L.	do	337.50	
White, Edgar F.	do	212.50	7.53
White, Martin E.	do	882.50	4.00
Whitehead, Gustavus A.	do	285.00	132.20
Whitehead, John S.	do	395.00	
Whiteside, D. B.	do	322.50	
Whitham, J. Campbell	do	67.50	
Whiting, Alden	do	120.00	3.30
Whitney, Wendell R.	do	55.00	
Whittaker, D. C.	do	102.50	
Wigely, F. R.	Forest guard and forest clerk, at \$900.	740.00	45.25
Wilcock, Ralph J.	Forest guard, at \$900	105.00	
Wilcox, Charles S.	do	195.00	
Wilkerson, Henry J.	do	150.00	
Williams, Frederick H.	do	877.50	
Williams, Glen	do	225.00	
Williams, Hal R.	do	672.50	29.57
Williams, Philo M.	do	890.00	120.95
Willis, H. E.	do	132.50	
Wilson, Harmon	do	265.00	13.00
Wilson, Howard M.	do	225.00	
Wilson, John	do	260.00	
Winchester, Chas. W.	do	142.50	
Wines, Arthur L.	do	320.00	
Winn, James T.	do	797.50	3.75
Winniford, J. F.	do	32.50	
Wonder, Frank M.	do	250.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wonder, Luther	Forest guard, at \$900	\$232.50	
Wood, J. H.	do.	875.00	
Woodrow, Henry	do.	577.50	
Woodson, Rolla G.	do.	127.50	
Woody, D. W.	do.	107.50	
Wooten, Charles H.	do.	745.00	\$26.25
Wooten, William E.	do.	887.50	28.25
Wright, Clarence S.	do.	842.50	
Wright, Lemuel M.	do.	75.00	
Wright, Mac J.	do.	187.50	
Wright, Newell L.	do.	47.50	
Wright, Reginald R.	do.	247.50	
Wyatt, Clarence	do.	200.00	
Wylie, Floyd	do.	303.75	
Yeaman, Thomas	do.	75.00	
Young, Al.	do.	402.50	
Young, Edwin J.	do.	532.50	
Young, Harry A., jr.	do.	40.00	
Young, Jess.	do.	25.00	
Young, Joseph	do.	175.00	
Young, S. C.	do.	232.50	
Young, Winthrop	do.	712.50	12.00
Zachau, Walter J.	do.	212.50	
Zalinka, Andrew	do.	267.50	
Zevely, Henry A.	do.	107.50	
Chapman, Lewis C.	Forest guard, at \$900, and forest agent, at \$480.	483.00	43.67
Baker, K. C.	Forest guard, at \$800	122.23	9.70
Edwards, Claud	do.	44.44	
Tracy, W. W.	do.	280.00	10.00
Welch, Benjamin F.	do.	248.89	
Barker, Wm. L., jr.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$1,100.	833.78	175.20
Farley, John M.	do.	870.56	
McLeod, Jennings D.	do.	577.06	72.98
Day, William W.	Forest guard, at \$720, and assistant forest ranger, at \$1,100.	499.34	7.44
Hess, John B.	do.	687.67	69.20
Jones, Thomas M.	do.	241.67	48.22
Werly, Jesse C.	do.	408.56	
Moore, F. S.	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	928.84	17.90
Boulter, Joseph M.	Forest guard, at \$720 and \$900	655.00	
Clark, Eugene E.	do.	496.00	24.06
Cooper, Grant M.	do.	391.00	
Davey, Henry M.	do.	649.00	
Monroe, Roy	do.	353.50	
Young, Ernest D.	do.	493.00	
Anderson, A.	Forest guard, at \$720	256.00	
Browne, Alexander G.	do.	272.00	44.31
Bull, Shields T.	do.	52.00	
Castle, W. E.	do.	140.00	
Chapin, Theodore	do.	180.00	
Clark, James E.	do.	458.00	28.61
Cockroft, Irving G.	do.	60.00	
Crane, Joel E.	do.	360.00	
Davis, Emroy	do.	74.00	
Dodge, Will K.	do.	352.00	
Fritts, Charles W.	do.	212.00	22.29
Gillan, Carl	do.	124.00	
Glassner, William	do.	260.00	
Hudelmeyer, A.	do.	166.00	
Katz, Otto	do.	26.00	
Kennedy, R.	do.	260.00	
Kent, Walter H.	do.	99.00	
Kinsey, John D.	do.	60.00	
Kreisel, Emil	do.	66.00	
Kudlick, B. R.	do.	24.00	
Lynch, John W.	do.	132.00	
Morgan, H. C.	do.	44.00	
Plymale, Leonard D.	do.	180.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Posts, J. W.	Forest guard, at \$720	\$56.00	
Proctor, E. F.	do	127.00	
Proctor, J. H.	do	127.00	
Rogers, Charlie H.	do	127.00	
Schofield, George	do	58.00	\$20.90
Shafer, John G.	do	166.00	
Sherrell, Forrest	do	158.00	
Smithers, John H.	do	240.00	
Stonewall, William	do	90.00	
Taylor, John B.	do	60.00	
Walker, R. W.	do	22.00	11.30
Wanamaker, A.	do	142.00	
Young, Perry	do	210.00	
Canterberry, Andrew H.	Forest guard, at \$660	192.50	
Page, Benjamin B.	do	115.50	
Robison, Albert	Forest guard, at \$600 and \$900	225.00	
Ball, D. T. J.	Forest guard, at \$600	25.00	
Bell, Cecil	do	6.67	1.50
Cahill, William S.	do	25.00	
Couzet, G. M.	do	25.00	2.75
Eberly, H. J.	do	26.67	4.50
Gibson, E. G.	do	25.00	
Hackler, Frederick	do	150.00	
Hodson, R.	do	25.00	3.45
Hulten, Herbert	do	173.33	
Hutton, G. W.	do	25.00	
McLeod, Daniel	do	100.00	
Manny, Joseph H.	do	100.00	
Morgan, J. G.	do	25.00	
Murnen, E. J.	do	25.00	
Nuffer, H. D.	do	25.00	3.85
Nilsson, Adolph	do	26.67	4.25
Orr, J. E.	do	26.67	6.00
Pernat, J. F.	do	25.00	22.43
Phillips, Merritt D.	do	100.00	
Ramey, Rush	do	30.00	
Rosemond, A.	do	21.67	3.40
Silvey, George	do	100.00	
Stevens, Ivan	do	150.00	
Stevenson, J. E.	do	26.67	5.25
Underwood, Clarence	do	26.67	3.80
Watson, Russell	do	18.33	14.60
Willington, L. S.	do	25.00	
Clarkson, Wm. B.	Forest guard, at \$540	90.00	
Hanzlik, Edward J.	Forest guard, at \$480, and assistant forest ranger, at \$1,100.	174.61	100.53
Bohn, George J.	Forest guard, at \$480, \$600, and \$900.	438.17	206.60
Chloupek, E. H.	Forest guard, at \$480 and \$600.	147.67	98.13
Barbur, H. H.	Forest guard, at \$480	150.33	127.13
Brinkley, J. A.	do	128.00	104.88
King, Rex	do	120.00	73.10
Smith, Seward D.	do	120.00	71.75
Swenson, O. F.	do	170.67	
Weber, Henry G.	do	90.67	107.80
Abbott, Wm.	Forest guard, at \$12 and \$900	2.50	
Armstrong, T. M.	do	2.50	
Blair, Jas.	do	2.50	
Butts, Walter L.	do	1.00	
Carter, W. T.	do	2.50	
Cromble, F. H.	do	1.50	296.80
Davies, F. J.	do	2.50	37.50
Elmgren, Edward	do	1.00	
Erickson, Wm.	do	2.50	
Fisher, J. H.	do	2.50	
Gray, O. A.	do	3.00	
Handron, Harry	do	2.50	
Humiston, W. D.	do	2.50	
Kinney, Walter	do	2.50	
Lund, Hans	do	2.50	
McGregor, James	do	1.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McMahan, Ed.	Forest guard, at \$12 and \$900.	\$1.50	
Mallery, Frank W.	do.	2.50	
Manchester, G. C.	do.	35.20	
Phelon, William	do.	1.00	
Potts, Joe D.	do.	1.50	
Prain, F. G.	do.	2.50	
Preston, G. E.	do.	2.50	
Ross, W. J.	do.	2.50	\$6.75
Schwabe, Wm.	do.	2.50	
Smith, Alfred B.	do.	2.50	
Smith, E. F.	do.	3.50	
Tuck, Charles.	do.	2.50	
Vetting, Louis	do.	2.50	
Wells, William M.	do.	2.50	
Boling, Charles W.	Machinist, at \$1,260.	105.00	
Wooster, Chas. R.	Carpenter, at \$1,000.	83.34	
Flaner, John	Carpenter, at \$900 and \$1,000.	950.00	
Bratley, Roy S.	Sawyer, at \$1,000.	44.44	
Yarbrough, J. D.	Packer, at \$900 and \$1,000.	950.00	
Potts, William	Watchman, at \$240.	100.00	
McClure, S. A.	Skilled laborer, at \$900 and \$960.	930.00	
Goshen, Geo. W.	Skilled laborer, at \$900.	600.00	\$2.65
Santucci, Joseph	do.	900.00	
Adams, Arthur	Skilled laborer, at \$5 per month.	5.00	
Dorsey, Edgar J.	Messenger and packer, at \$720 and \$750.	683.00	\$0.00
Norris, Irving	Unskilled laborer, at \$720 and \$750.	750.00	
Wheeler, John A.	do.	750.00	
Kell, N. J.	Unskilled laborer, at \$720.	378.00	
Lubeck, A. I.	do.	448.00	
Harri, James	Unskilled laborer, at \$660.	419.83	
Way, W. J.	Unskilled laborer, at \$600.	350.00	
Poynter, Esau	Unskilled laborer, at \$21 per month.	147.00	
Gonzales, Beriegwa L.	Unskilled laborer, at \$120 per annum.	65.00	
Mesken, C.	Unskilled laborer, at \$96.	40.00	
Tisher, William D.	Unskilled laborer, at \$96 per annum.	16.00	
Williams, A. H.	Unskilled laborer, at \$96.	24.00	
Bleak, Sam.	Unskilled laborer, at \$90.	67.50	
Moore, Dell.	Unskilled laborer, at \$7.50 per month.	7.50	
Voerster, H.	Unskilled laborer, at \$5 per month.	15.00	
Swift, Joseph F.	Unskilled laborer, at \$52 per annum.	30.34	
Smith, Samuel	Unskilled laborer and janitor, at \$360 per annum.	300.00	
Brown, Henry D.	Messenger, at \$840.	840.00	
Quinn, John J.	Messenger, at \$720 and \$840.	780.00	
Hickey, J. Albert.	Messenger, at \$720 and \$800.	760.00	
Hellig, W. H.	Messenger, at \$800 and \$800.	700.00	
Fox, Geo. H.	Messenger, at \$540.	45.00	\$2.75
Frank, Harry M.	Messenger, at \$360 and \$540.	450.00	
Werning, Neil A.	Messenger, at \$360.	360.00	\$3.20
Wigely, Robert G.	do.	360.00	
Harris, Thomas	Messenger boy, at \$480.	160.00	
Lubeck, Harold.	Messenger boy, at \$360 and \$540.	360.00	
Harris, Henry S.	Messenger boy, at \$360 and \$480.	420.00	
Brown, Edward A.	Messenger boy, at \$360 and \$420.	372.67	
Wiesendanger, Albert K.	do.	355.17	
Bellman, Harry	Messenger boy, at \$360.	68.00	
Black, Carlos A.	do.	345.00	
Butler, Ralph S.	do.	60.00	
Cain, Will B.	do.	360.00	
Carr, Harold R.	do.	333.00	
Flaner, Harry E.	do.	217.00	
Inskeep, Raymond P.	do.	37.00	
Kelly, Frank.	do.	26.00	
Kennedy, Frank C.	do.	111.00	
Levine, David.	do.	68.00	
Morrison, Leon E.	do.	360.00	
O'Neale, Hugh.	do.	299.00	
Smith, Ella	Charwoman, at \$300.	300.00	
Total.		2,550,514.99	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.....	\$4.80	Adams, Calvin.....	\$1.35
Andrews Paper Co., R. P.....	1,446.06	Adams, Clifford T.....	75.00
Ballantyne, R. Carter.....	462.81	Adams & Costello.....	6.75
Brummund & Kulander.....	16.00	Adams, Clarence M.....	307.50
Carpenter Paper Co.....	1,062.50	Adams, C. H.....	5.00
Clarke, R. P., Co.....	185.80	Adams, C. M.....	142.50
Democrat Printing Co.....	8.00	Adams Co., E. B.....	21.78
Dixon Crucible Co., Joseph.....	1.15	Adams, Floyd.....	1.35
Gill Co., J. K.....	2.25	Adams, Frank.....	130.33
Hansler & Co.....	19.80	Adams, G. E.....	198.47
Idaho Stationery & Printing Co.....	9.10	Adams, Geo. W.....	8.00
Kalamazoo Loose Leaf Binder Co.....	27.00	Adams, Harry.....	1.50
Kendrick-Bellamy Co.....	6.43	Adams, Jackson.....	33.00
Kilham Stationery & Printing Co.....	64.30	Adams, James.....	5.00
Kistler Stationery Co., W. H.....	170.00	Adams, Jess.....	7.50
Library Bureau.....	20.25	Adams, Joshua.....	36.00
Lindemeyr, Philip.....	29.25	Adams, W. F.....	.75
Little, A. P.....	2,160.00	Adams & Young.....	77.01
Mather's-Lamm Paper Co.....	70.38	Adder Machine Co., The.....	630.00
Merrifield Shop, The.....	2.85	Addington, G. O.....	2.00
Muth & Co., Geo. F.....	97.50	Addleman, J. S.....	2.00
National Carbon Co.....	8.55	Adie, John.....	1.25
Ogden Office Supply Co.....	1.50	Adin Argus, Weekly.....	8.70
Out West Printing & Stationery Co.....	11.25	Adkinson, Ed.....	7.00
Parsons Printing & Stationery Co.....	18.15	Adkinson, Jesse.....	7.00
Pembroke Stationery Co.....	340.04	Adkinson, Roy.....	7.00
Remington Typewriter Co.....	259.44	Adrain, Geo.....	34.80
Rex Manufacturing Co. (Ltd).....	1.00	Adron, Louise.....	34.50
Schmidt, Fred A.....	51.86	Ady & Crowe Mercantile Co.....	27.30
Seoville Paper Co.....	157.68	After, Runs.....	11.75
Smith-Brooks Printing Co., The.....	2.25	Agunna, Lion.....	9.75
Spargo's Book Store.....	1,206.08	Aguirre, Mrs. P. J.....	7.50
Swayze, W. L.....	5,040.76	Ahlberg, Fred.....	12.50
Tower, D. A.....	2.60	Ahlf, Edward L.....	61.67
Typewriter & Office Supply Co.....	59.25	Ahlstrom Bros.....	37.12
Union Envelope Co.....	154.77	Ahlstrom, S. F.....	18.00
U. S. Envelope Co.....	2,966.08	Ahlvers, Henry.....	7.50
U. S. Paper Goods Co.....	68.00	Aicher, Geo. E.....	11.63
Valley Paper Co.....	165.28	Aiken, H.....	43.75
Woody Printing Co., J. O.....	2.15	Aiken, Mrs. Mary.....	3.95
Yawman & Erbe Manufacturing Co.....	1,072.08	Aiken, S. S.....	58.34
		Aiken, Warwick.....	18.00
Total.....	17,455.60	Ainsworth's Livery & Boarding Sta- bles.....	49.00
<i>Miscellaneous supplies, etc.</i>		Ainsworth & Sons, Wm.....	103.75
Abbott, Earl.....	40.75	Do.....	53.25
Abbott, Ed. A.....	8.00	Ajax Iron Works.....	7.00
Abbott, E. J.....	64.87	Aken, Charles.....	4.00
Abbott, Guy H.....	8.75	Akers, Leroy.....	3.50
Abbott, H. T.....	14.00	Akins, Abe.....	2.00
Abel, Albert.....	66.75	Alber, Henry.....	114.41
Abel, B. H.....	14.62	Albion Mercantile Co. (Ltd.).....	23.10
Abel, H. E.....	58.50	Albion Nugget, The.....	3.30
Abercrombie & Fitch Co.....	82.59	Albin, Chas.....	90.00
Abernathy Bros.....	108.67	Albrecht Co.....	47.20
Abila, Catrino.....	15.81	Albuquerque Morning Journal.....	31.60
Abraham, I.....	3.35	Albuquerque Planing Mill Co.....	36.55
Abrams, Lee.....	78.00	Albuquerque Tent & Awning Co.....	178.25
Abren, Marcelino.....	46.37	Albuquerque Typewriter Exchange, The.....	34.00
Ackley Bros.....	11.90	Alden Sign Co.....	52.25
Acme Planing Mill Co.....	18.25	Alden Whiting.....	75.00
Acord, Oliver.....	1.25	Alder, Leon C.....	15.00
Acorn Mercantile Co.....	2.50	Alderman, E. S.....	32.00
Acorn Sign Shop.....	20.70	Aldous, W. H.....	13.50
Acosta, Simon M.....	11.00	Aldridge, Henry.....	3.00
Acumaran, L. C.....	5.00	Aldwell, J. Loyd, manufacturer.....	21.85
Adair, E. J.....	24.50	Alen, G. H.....	20.00
Adair, Guy.....	1.25	Alexander, D. E.....	5.25
Adair, R. A.....	1.25	Alexander-Freidenrich Co.....	132.72
Adair, W. L.....	67.17	Alexander, Joseph.....	167.35
Adams, Albert.....	11.35	Alexander, Mrs. Jos.....	40.81
Adams, Arthur.....	20.00	Alexander & Knoch.....	13.30
Adams, B. W.....	20.00	Alexander, Munford.....	2.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,936,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alexander, R. E.	\$46.00	American Lumber Co.	\$11.70
Alexander & Rupkey	11.43	American Lumberman, The	181.67
Alexander, T. M.	8.00	American Soap & Washolene Co.	3.62
Alfaro, W.	26.25	American Steel Pipe & Tank Co.	12.70
Alberene Stone Co.	\$35.15	American Steel & Wire Co.	756.26
Alford Bros. Laundry	26.77	American Type Foundry Co.	7.34
Alirez, Bito	5.00	American Wood Working Machinery Co.	220.00
Allan, C. A.	86.36	Ames Mercantile Co.	28.93
Allard, S.	12.00	Amick, Ervin	70.00
Allen, Orville	4.95	Ammerman, C. A.	6.00
Allen Co.	32.97	Ammonson, Hans	6.00
Allen, C. M.	14.00	Anaconda Copper Mining Co.	135.67
Allen, D.	45.00	Anaconda Copper Mining Co. (library department)	84.69
Allen, E. R.	38.00	Anaconda Stables	6.00
Allen, E. T.	65.00	Anders, L. E.	30.50
Allen, Frank	4.00	Andersen, J. M.	10.40
Allen, Fred E.	3.00	Anderlini, Frankie	5.00
Allen, Glenn	15.10	Anderlini, J. A.	29.50
Allen, George	35.00	Anderlini, J. D.	2.45
Allen, Geo. W.	12.35	Anderlini, Joseph	8.25
Allen, Grover A.	10.50	Anderson, Adolph	6.50
Allen & Co., H. M.	1.35	Anderson, A.	73.00
Allen, Irma	75.00	Anderson, A. Alfred	3.75
Allen, Isaac T.	34.00	Anderson, A. C.	15.00
Allen, James	78.00	Anderson, A. H.	5.00
Allen Co., James A.	67.71	Anderson, A. J.	172.50
Allen, J. H. B.	26.50	Anderson, Archie L.	5.00
Allen, Jno. W.	16.00	Anderson & Baker	4.00
Allen, Mitchell & Co.	4.00	Anderson, Bedford	.45
Allen's Press Clipping Bureau	139.00	Anderson, B. E. & L. E.	18.35
Allen, S. E.	1.75	Anderson, Bruce	40.00
Allen & Son	14.95	Anderson, Charles	45.00
Allen, W. B.	2.50	Anderson & Co.	131.93
Allen, W. R.	11.55	Anderson, Cyerny	13.50
Alles, Conrad	10.10	Anderson, Clarence R.	9.25
Alley, C. M.	5.90	Anderson, Creed	2.50
Alfred, Vern	3.75	Anderson, David	8.50
Alfred, V. H.	10.95	Anderson, Edward	8.37
Alm, Karl H.	82.50	Anderson, E. K.	1.75
Almy, Jack R. L.	4.25	Anderson, Erik	7.50
Alpert, A. & C.	50.50	Anderson, E. W.	14.75
Alph, Edward L.	100.00	Anderson, Frank	28.00
Alpha Hardware & Supply Co.	98.77	Anderson, Fred	5.00
Alsop, Earnest B.	25.95	Anderson, G. A.	3.30
Alturas Plain Dealer	6.25	Anderson, Geo.	12.00
Alturas Repair Shop	12.50	Anderson, G. R.	12.90
Alturas New Era, The	11.40	Anderson, Isaac	7.50
Alvarado, A. M.	1.75	Anderson, Jacob	1.75
Alvarado, C.	2.50	Anderson, James	121.97
Alverson, John E.	27.80	Anderson, Joe	6.00
Alstedt Feed & Milling Co.	1.30	Anderson, John	52.55
Amberg File & Index Co.	44.39	Anderson, John, Jr.	1.75
Amberger, Frank	15.00	Anderson, James O. F.	3.00
Amado, Rafael	25.00	Anderson, J. E.	41.67
Amagena, Jacinto	3.50	Anderson, J. S.	15.00
Amala, Jacob	40.50	Anderson, Leon	12.60
Ambrose, George L.	50.24	Anderson, Louis	15.00
Amen, G. D.	1.80	Anderson, Leo E.	19.75
Amend, August	202.50	Anderson, L. H.	26.50
American Can Co.	5.94	Anderson Lumber & Hardware Co.	82.55
American Diagraph Co.	4.00	Anderson, Matt	5.00
American Falls Press	2.50	Anderson Co., N. E.	70.00
American Forestry Association	26.85	Anderson, Jr., N. O.	10.00
American Forestry Co.	673.21	Anderson, Oscar	9.75
American Forge Works	61.50	Anderson, P. W.	5.35
American Fork Livery Stable	10.00	Anderson, R. A.	4.75
American Fork Stage Co.	33.25	Anderson, Ralph E.	10.00
American Fruits Publishing Co.	.75	Anderson, Ray	23.50
American Gem Manufacturing Syndicate	12.67	Anderson, R. L.	39.50
American Hard Rubber Co.	1.97	Anderson, Robt.	12.00
American Hardware & Plumbing Co.	311.93	Anderson, Spencer Manger Co.	130.19
American Ice Co.	134.17	Anderson, Victor	35.00
American Laundry Co.	17.50	Anderson, William	18.25
American Linen Supply	188.65		



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrew, Indian Ed.....	\$9.00	Armstrong & McCampbell.....	\$13.30
Andrews, A. A.....	4.12	Armstrong, R. C.....	1.28
Andrews, A. L.....	59.03	Armstrong, Robert.....	.90
Andrews, Albert.....	62.50	Armstrong, William.....	319.89
Andrews, B. A.....	1.25	Arnald, Eugene.....	2.50
Andrews, Elmer.....	10.89	Arner, O.....	1.75
Andrews, Fred M.....	12.30	Arneson, John.....	19.66
Andrews, Glenn.....	38.25	Arney, B. O.....	13.50
Andrews, L. L.....	1.50	Arnold, Altos.....	2.00
Andrews Light & Power Co.....	4.90	Arnold Bros.....	3.00
Andrews & Magann.....	15.50	Arnold, E. A.....	28.50
Andrews Paper Co., R. P.....	2,213.78	Arnold, E. L.....	20.00
Andrews, R.....	2.75	Arnold, George.....	2.40
Andrews, T. O.....	3.50	Arnold, J. L.....	.90
Andrews, Tom.....	1.25	Arnold, W. F.....	16.80
Andrus, A. D.....	1.25	Arnott, Daniel.....	32.00
Andrus & Sons, James.....	20.13	Arntzen, Val.....	29.78
Andrus, Orson.....	2.00	Arreola, Andres L.....	7.00
Angus, Jas.....	1.50	Arreola, M.....	2.63
Anglin Mercantile Co.....	8.00	Art Metal Construction Co.....	1,869.00
Anguanea, Louis.....	16.50	Arthur, C. D.....	81.75
Anson, Chas. S.....	480.00	Arthur, H. Thomas Co., The.....	94.12
Anthony, Charles.....	52.50	Arvillo, Lutaro.....	38.25
Anthony, Edna.....	42.00	Arvizn, J. L.....	12.75
Anthony, J. W.....	20.00	Arvizn, Jose.....	10.00
Anthony, Mrs. Nettie.....	52.50	Arzner Bros.....	3.00
Antlers Liverv.....	5.00	Aschoff, Adolf.....	14.90
Antonito Ledger.....	13.43	Asay, A. C.....	1.79
Antry, L. E.....	3.00	Ashby, Robert.....	50.00
Antry, O. D.....	1.95	Ashenfelter, John.....	9.00
Aoha, Calla.....	2.50	Ashley Co-Op.....	17.30
Apache Stage Co.....	2.00	Ashley Lumber Co.....	7.75
Apple, G. W.....	11.65	Aschoff, Henry.....	6.00
Appleby, A. N.....	95.65	Aschoff, Otto.....	40.50
Appleman, Walter.....	11.50	Aseltine, Carlos.....	12.50
Arabol Manufacturing Co., The.....	7.75	Aseltine, Chas. E.....	22.50
Aragon, Encarnacion.....	8.00	Aseltine, Elwyn.....	12.50
Arambula, Efinio.....	5.50	Ashton, Hardware Co., Leslie.....	78.70
Arballo, Nicolas.....	13.00	Ashe Bros.....	1.65
Arbuckle, J. W.....	5.42	Ashburn, O. F.....	21.49
Archer's Variety Store.....	5.50	Ashcraft, J. H.....	7.53
Archuleta, J. M.....	20.00	Ashcraft, O. B.....	6.35
Arco Advertiser.....	5.20	Ashcraft, W. D.....	5.15
Arctic Club.....	39.00	Asher, A. R.....	6.00
Ardeuser & McLeod.....	2.60	Ashland Feed Store.....	36.20
Ardizzi-Olcese Co.....	133.55	Ashland Mercantile Co.....	147.26
Ardourell, Alphonso.....	1.25	Ashland Tidings.....	14.05
Arduser, Joseph.....	46.16	Ashpole, Roy.....	2.87
Arena, Nicho.....	5.00	Ashworth, James.....	22.50
Arendell, B. P.....	25.00	Askin, F. T.....	14.00
Arentson, Ethel.....	36.25	Asmen, John.....	2.50
Arendt Jensen Co.....	10.35	Aspen Democrat Times.....	19.78
Arizona Cooperative Mercantile Institution.....	305.32	Aspen Drug Co.....	10.40
Arizona Copper Co. Store Dept.....	20.55	Atencio, Luz.....	14.00
Arizona Fuel & Feed Co.....	4.00	Atkin, Heier C.....	75.71
Arizona Lumber & Timber Co.....	231.36	Atkins, W. A.....	20.91
Arizona Overland Tel. Co.....	7.55	Atkins & Ashton.....	13.75
Arizona Range News.....	3.00	Atkins, C. A.....	1.00
Arizona Republican.....	2.60	Atkins, Quint.....	4.00
Arizona Sash, Door & Mill Co.....	127.50	Atkins, R. F.....	2.37
Armandez, Calistro.....	2.24	Atkinson, C. H.....	6.00
Armbuster, A.....	3.00	Atkinson, John R.....	15.30
Armentrout Bros.....	23.00	Atlanta Mercantile Co. (Ltd.).....	20.32
Armentrout, Roy.....	5.25	Atlanta Supply Co. (Ltd.).....	47.80
Armitage, W. A.....	48.00	Atlas Lumber Co.....	9.25
Arnlin, Asbury.....	13.00	Attreux & Co.....	20.85
Arnour & Co.....	3.00	Atwood, A. B.....	16.31
Arnustead & Edelman.....	3.40	Atwood-Blakeslee Lumber Co.....	2.37
Arnstrong, A. J.....	6.00	Aubineau Bros.....	15.95
Arnstrong, Art.....	18.00	Auchmoody's.....	21.75
Arnstrong, C. A.....	7.00	Audel & Co., Theo.....	18.75
Arnstrong, Ed.....	24.25	Aune, Otto.....	6.00
Arnstrong & Kemmer.....	8.65	Austin, Bert.....	2.75
		Austin Commercial Co.....	86.05

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Austin, Mrs. E. B.	\$4.50	Baker & Adamson Chemical Co., The.	\$7.00
Austin, Ed. C.	3.75	Baker, Arthur	.50
Austin, Fred.	10.00	Baker, Asa	6.75
Austin, John.	2.80	Baker Bartholomew Lumber Co.	1.25
Austin, L. E.	5.30	Baker, Bert.	22.00
Austin Lumber Co.	113.90	Baker, Bros.	3.00
Auten, J. B.	127.80	Baker, Chas.	14.00
Autry, Loney.	1.00	Baker & Drake.	127.50
Averill, Wallace S.	6.95	Baker, E. J.	114.00
Averett, John.	12.00	Baker, Ernest.	10.00
Averitt, Elisha.	63.00	Baker, F. W.	44.40
Avery's Drug Store.	3.50	Baker, George.	7.33
Avery, H.	15.00	Baker & Hamilton.	144.20
Avery Hardware & Supply Co.	73.35	Baker, Harvey F.	12.00
Avery, Joe.	5.00	Baker, Jack.	9.00
Avery, M. P.	99.67	Baker, James.	7.50
Avery, Percy.	4.26	Baker, Jess.	32.75
Avis, O. B.	4.00	Baker, John.	70.00
Avis, Paul.	7.00	Baker, J. E.	16.00
Awe, L. H.	12.51	Baker, J. W.	48.00
Axe Co., The C. A. C.	4.00	Baker, K. C.	10.00
Axtell, G. W.	5.00	Baker, Layton.	26.62
Ayala, Frmda.	15.00	Baker, M. N.	45.00
Ayer, L. C.	5.00	Baker, Nellie.	15.00
Ayers, Allen.	9.00	Baker, N. J.	5.00
Ayers, Frank.	6.00	Baker, P. M.	15.00
Aylsworth, Harry E.	5.00	Baker, Ralph.	20.08
Ayer, Lawrence C.	75.00	Baker, Ramon.	2.00
Ayres & Co., G. o. V.	300.30	Baker, Reid S.	145.29
Ayres, Will, jr.	1.00	Baker, Roy S.	12.00
Azevedo, Eugene.	1.50	Baker, Victor E.	14.50
Azusa Foothill Citrus Co.	15.00	Baker, Wesley.	117.20
Babbitt Bros.	2,865.20	Baker, William.	5.00
Babbitt Bros. Mercantile Co.	67.34	Baker, W. O.	12.50
Babcock, J. M.	57.04	Baker, Willie Walter.	50.00
Babbitt-Polson & Co.	546.48	Baker, Wm. L.	1.80
Bach, James F.	24.00	Baker, Wm. M.	8.00
Bachand, Lee.	11.92	Baker, W. H.	72.75
Bacharach Bros.	3.75	Baker Co., W. J.	5.00
Bachels, Andrew.	36.06	Bald, Howard.	59.25
Bachels, Joseph.	6.00	Baldman, Joseph.	1.25
Badgalupi & Sons, Peter.	41.80	Baldochi, Albert.	1.25
Back, S. F.	3.50	Baldochi, Angelo.	1.25
Backman, Mrs. J.	5.50	Baldochi, John.	1.25
Bacon, Arthur.	3.60	Baldwin, Charles.	9.72
Bacon, Francis.	40.00	Baldwin, E. J.	1.87
Bacon, Martin.	19.00	Baldwin, Fred.	54.73
Badeon's Drug Store.	99.27	Baldwin, Geo. F.	230.60
Baer Bros.	4.20	Baldwin, John A.	1.87
Bagge, C.	3.00	Baldwin, M. N.	22.50
Bagley, Cyrenius.	45.70	Baldwin, W. E.	2.00
Bagley Meat & Grocery Co.	232.15	Balenger, M. A.	3.00
Baierline, Harry, jr.	112.00	Balentine, Richard.	72.20
Bailey, A. M.	2.50	Bales, C. H.	7.50
Bailey, Chas.	6.00	Bales, James.	13.75
Bailey, D. A.	145.59	Baley, G.	55.00
Bailey, D. B.	11.50	Ball Bros.	335.38
Bailey, E. A.	32.00	Ballantyne, R. Carter.	557.80
Bailey, Elmer.	28.50	Ballantyne, R. Carter.	119.00
Bailey, Frank.	83.20	Ballard, Alfred.	18.00
Bailey, H. S.	3.13	Ballard, G. T.	3.00
Bailey, Jas.	32.87	Ballard, E. E.	7.00
Bailey, J. D.	7.00	Ballard, J. Fred.	19.50
Bailey & Massingill.	268.45	Ballard, James P.	3.60
Bailey, Mrs. Monroe.	6.00	Ballengee, J. I.	6.00
Bailey & Sons Co.	55.78	Ballengee, S. H.	42.00
Bailey, Tiptow.	6.00	Ballou-Latimer Co.	10.15
Bailey, W. F.	11.00	Ballou, William A.	9.00
Bainard, Julius.	4.50	Balsley, A. R.	60.24
Baird, C. H.	11.00	Bancom, W. E.	2.70
Baird, F. M.	14.75	Bancroft, Sidney.	1.20
Baird, John.	43.50	Bancroft, Whitney Co.	18.00
Baird & Son.	20.95	Banderob, Lawrence.	6.25
Baisch, J. F.	3.25	Banderob, Robert.	6.25
Baker, A. B.	2.50	Bangs, Gene.	39.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bangs, John.....	\$10.97	Barr, Thos. M.....	\$6.75
Bangs Livery Co.....	11.45	Barr, John.....	2.40
Banigan, Amos.....	2.50	Barr, Wm.....	168.50
Banigan, Troy.....	2.50	Barrego, Andres.....	7.50
Bank Equipment Co.....	16.00	Barrett, F. A.....	4.15
Bank of Northern Arizona.....	16.00	Barrett, George R.....	96.50
Banks & Blair.....	14.40	Barrett-Hicks Co.....	18.00
Banks & Co., F. S.....	1.06	Barrett, Jack.....	29.56
Banks Law Publishing Co., The.....	24.00	Barrett, John.....	8.50
Banks, N.....	12.00	Barrett, L. R.....	100.75
Banning Lumber Co.....	3.48	Barrett Manufacturing Co.....	4.50
Bannister, L. O.....	43.82	Barrett, R. L.....	140.45
Banzon, Frederic.....	17.40	Barrett, Wm. A.....	3.00
Bantman, C. H.....	6.00	Barrieklow, J. F.....	15.00
Banquet, Rest.....	2.00	Barringer, D. M., jr.....	49.93
Barber, Ben.....	14.50	Barringer, Dorrine.....	9.50
Barber, J. L.....	15.93	Barringer, Evelyn.....	17.00
Barber, John.....	5.00	Barringer, H. P.....	10.25
Barber, John R.....	32.00	Barringer, Mrs. Inez L.....	14.00
Barber & Marshall.....	47.77	Barron, Feliciano.....	13.25
Barber & Ross.....	24.82	Barrows & Son, F. P.....	46.70
Barclay, Daniel A.....	214.55	Barry, Tim.....	126.30
Barclay, William T.....	132.81	Barteau, B. E.....	16.05
Bardleau, A.....	52.00	Barteldes Seed Co.....	1,575.25
Barentson, Carl.....	12.00	Barthlami, Sam.....	6.25
Barger, Arza.....	22.80	Bartlett, Geo. W.....	5.00
Barila, Martin.....	21.00	Bartlett, A. E.....	1.80
Barkdoll, O. G.....	36.00	Bartlett, Arthur W.....	68.76
Barkdull, Earnest.....	5.00	Bartlett, Earl.....	1.00
•Barker, B. H.....	1.50	Bartlett, J. P.....	6.00
Barker, C.....	6.00	Bartlett, Thomas M.....	46.00
Barker, Claude K.....	10.85	Bartley, J. A.....	2.25
Barker, Dell.....	18.00	Bartoli, Messerani.....	17.50
Barker, Ellis.....	23.80	Barton, Peter J.....	1.50
Barker, E. S.....	25.50	Barton, C. H.....	3.50
Barker, Guy.....	7.00	Barton, H. J.....	4.20
Harkey, Hy.....	55.25	Bartozits, Ataleo.....	5.00
Barker, Lyle.....	3.00	Barneto, Francisco.....	11.31
Barker, Milo.....	27.40	Basche Hardware Co., C. C.....	331.60
Barker, Wm. L., jr.....	5.00	Basche-Sage Hardware Co.....	4.00
Barkley, W.....	3.50	Bascom, Ed.....	1.00
Barlow, W. H.....	69.00	Bashford-Burnister Co.....	292.85
Barkley, William.....	5.10	Basham & Garvin.....	45.25
Barlow Bros.....	87.30	Basham, David E.....	117.50
Barlow, C. L.....	24.55	Bashor, Millard L.....	1.50
Barlow, J. E.....	40.00	Basick, Jim.....	13.80
Barnaby, L.....	45.25	Barston, Glidden J.....	5.00
Barnard, John.....	38.70	Bartholomew, J. S.....	10.00
Barnard, Robt. W.....	232.23	Bartron, E. P.....	5.50
Barnard, W. D.....	11.05	Bascom, W. P.....	64.00
Barnard's Studio.....	19.15	Basinger, Perry.....	53.00
Barnes, A.....	.90	Baskier & McCullough.....	116.80
Barnes, J. W.....	18.33	Bass, Willis.....	3.95
Barnes, Lee.....	3.50	Bassett, F. C.....	3.95
Barnes, Mae.....	35.00	Bassett Lumber Co.....	4.41
Barnes, Charles.....	2.25	Baye, Will H.....	1.25
Barnes, Frank.....	12.50	Bateman Hardware Co.....	5.75
Barnes & Son, G. S.....	7.75	Bateman, O. A.....	50.00
Barneson-Hibberd Warehouse Co.....	6.60	Rates, C. W.....	99.38
Barnett, D. C.....	2.00	Bates, H. C.....	15.81
Barnett, James.....	3.00	Bates Manufacturing Co.....	2.15
Barnett, Rex.....	1.75	Bates, Ray.....	33.76
Barnett, S. B.....	2.00	Bates & Rogers Construction Co.....	22.50
Barnett-Stine Co.....	3.50	Bateson & Co., George A.....	3.00
Barney, Alma.....	60.00	Batjer, Robert.....	14.60
Barney, William.....	1.25	Battles, C. E.....	18.05
Barnhart Bros. & Spindler.....	74.22	Baty, John.....	51.50
Barnhart, Claude.....	.50	Baudell, L. B.....	43.50
Barnickel, A.....	6.65	Bauer, Andy H.....	6.40
Barnsto, Manuel.....	14.37	Bauer, George C.....	5.40
Barnum, W. S.....	46.17	Bauer, Jacob.....	3.00
Baron, H.....	215.64	Bauer Mercantile Co., Geo.....	11.20
Barr, Fred W.....	13.50	Bauer, Philip C.....	2.77
Barr & Son.....	42.77	Bauman, J. H.....	11.20



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bausch & Lomb Optical Co.....	\$293.44	Bedell, Charles.....	\$66.00
Baxter, Everett.....	22.66	Bedell Manufacturing Co.....	33.08
Baxter, Frank.....	12.00	Bedford Livery.....	8.25
Baxter, John.....	13.70	Bedford & Halliday.....	19.20
Baxter, W. L.....	36.00	Bedford, J. M.....	66.25
Bay, Sam.....	7.80	Bedford, John.....	75.25
Bay View Stables.....	6.00	Bedford, Walter.....	23.00
Bayer, Albert.....	13.50	Bedient, Harry.....	87.50
Bayer, Wm.....	8.29	Beebe, H. B.....	.50
Bayers, Fred.....	1.00	Beebe, W. M.....	95.00
Bayfield Blade, The.....	7.70	Bee Hive Co., The.....	48.50
Bayha, Dick.....	3.65	Bee Publishing Co., The.....	5.10
Bayless, May.....	13.50	Beere, Alfred.....	16.99
Bayne & Ward.....	46.65	Beers, C. W.....	9.00
Bayze, Thomas.....	58.20	Beers, H. W.....	105.30
Beach & Wellman.....	104.04	Beers, R. H.....	27.25
Beager, A. G.....	41.50	Beesley, J. T.....	29.25
Beagle, Leota.....	57.50	Beeson, Alton E.....	29.25
Beal, Orion L.....	16.50	Beeson, C. E.....	3.50
Beals, Robt.....	45.00	Beeson, J.....	15.75
Beals, Walter.....	1.00	Beggs, Clarence.....	2.25
Beam, Chas. A.....	70.00	Beggs, Claudie.....	2.25
Beamman, C. L.....	1.50	Beggs, H. C.....	28.00
Beamman, Elmer E.....	29.40	Beguhl, J. P.....	7.00
Beamer & Co., J. H. (Ltd.).....	50.64	Behen, Charles.....	4.00
Beamis, Albert.....	2.50	Behr, Nick.....	10.00
Bean Hardware Co., A. B.....	78.85	Behrens, H. E.....	1.75
Bean, Angelo.....	3.00	Behrens, J. G.....	1.50
Bean, Dobbs.....	30.00	Bejar, Augustine.....	14.00
Bean, James H.....	17.10	Belden, R.....	35.30
Bean, John.....	1.50	Belieu, Chas.....	6.50
Bean, Redmond.....	7.50	Bell, A. N.....	17.00
Bear, J. L.....	4.50	Bell, Elmer.....	2.50
Bear State Lumber Co.....	4.70	Bell, Frank.....	5.25
Beard, J. M.....	51.00	Bell, J. H.....	2.00
Beard, J. P.....	19.90	Bell, J. R.....	3.90
Beard, Moses.....	11.75	Bell, Mrs. J. W.....	13.90
Beardmore, Chas. W.....	789.25	Bell, Martin.....	33.75
Beardslee-Grahams Show Case Co.....	6.00	Bell Mercantile Co.....	158.96
Beasley, A. H.....	11.00	Bell, Rachael.....	5.60
Beason, J. O.....	7.95	Bell, I. J.....	100.00
Beaton, T. R.....	20.00	Bell, Tom.....	2.00
Beatty, Halley.....	1.00	Bell & Turnbull Hardware Co.....	184.55
Beatty, Harry.....	19.80	Bell, William.....	56.50
Beatty, J.....	24.25	Bellar, Tom.....	68.75
Beatty, Jas. A.....	251.14	Belle Fourche Bee.....	2.00
Beatty, Olin.....	12.00	Bellemore, E.....	5.50
Beatty, Walter.....	19.80	Bellman, Harry.....	5.00
Beaty, Benj. I.....	16.25	Belluzzi, Allen.....	42.50
Beauchamp, T. B.....	10.00	Belly, August.....	1.25
Beaumont, Herbert.....	26.50	Belshe, William G.....	7.00
Beaumont Lumber Co.....	9.58	Belt Valley Times Co.....	24.52
Beaver Equitable Co-Op.....	19.35	Beltz, L.....	10.00
Beaver, J. W.....	3.00	Bemis Bro. Bag Co.....	11.22
Beaver, Larkin.....	3.00	Bemis, James.....	2.40
Beaver, Reuben.....	3.00	Bemis Omaha Bag Co.....	23.13
Beavers, O. J.....	6.00	Benbough Furniture Co., The.....	30.30
Beck Investment Co.....	25.50	Benbow-Horton Hardware Co.....	141.32
Beck, David.....	2.10	Bend Bulletin, The.....	4.00
Beck, F. C.....	46.25	Bendix, Herman.....	122.50
Beck, J. W.....	163.10	Benedick, P.....	6.50
Beck, L. R.....	38.00	Benedict Warehouse & Transportation Co.....	5.00
Beck, Roy.....	6.25	Benepe-Berglund Grain Co.....	226.88
Becker, Christian.....	16.98	Bengtsson, Gus.....	12.00
Becker & Co., Charles.....	3.45	Benner, John.....	16.50
Becker-Franz Co.....	92.20	Bennett, Auto Co.....	37.50
Becker, Gustav.....	20.00	Bennett, B. C.....	2.25
Becker-Mactavish Co., The.....	879.56	Bennett Bros.....	11.60
Becker-Mactavish Sawmill.....	2.00	Bennett, C. F.....	66.30
Becker Mercantile Co.....	935.83	Bennett, Clarence.....	5.00
Beckman, G. F.....	3.25	Bennett, H. B.....	13.00
Becraft, L. H.....	150.20	Bennett, H. M.....	4.32
Bedel & Lockwood.....	33.00	Bennett, John.....	13.80
Bedell, Albert.....	85.25		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bennett, J. W.	\$1.55	Betos, Gervis.	\$9.00
Bennett, N.	3.50	Betts, Curtis D.	52.50
Bennett, Odie	60.00	Betts, Fred H.	13.50
Bennett, Ralph.	1.25	Betts & Eelscher.	8.90
Bennett & Trefry.	48.00	Betz, George.	25.47
Bennett, W.	23	Biandir, P. A.	7.00
Bennett, Walter.	154.08	Biart, Frank.	95.55
Bennett, William.	8.00	Bibo Bros. (Inc.)	102.98
Bennett, W. W.	35.68	Bickel, G. L.	20.95
Bennetts' Pharmacy, R. J.	1.30	Bickford, William.	6.00
Bennie, Guy V.	4.50	Bidard, Henry.	65.00
Benson, Alfred.	27.60	Biddle, J. E.	15.00
Benson, Arnold O.	50.00	Biddle, Roy.	4.00
Benson, Carl.	29.60	Bidwell, A. R.	7.50
Benson, Carpenter & Co.	37.50	Bieber, N.	4.55
Benson, John.	2.00	Bielfield, Mrs. E.	5.00
Benson, John S.	40.40	Bierwagen, L. J.	18.58
Benson, Robert.	15.31	Big Blackfoot Lumber Co.	19.75
Bent, S. W.	24.00	Big Blackfoot Milling Co.	240.98
Bentley, Frank R.	6.75	Bigelow, C. O.	41.90
Bentz, George C.	8.00	Bigelow, W. R.	65.80
Bentz, G. W.	5.00	Biggerstaff, Talbert B.	60.00
Bera, R.	2.50	Big Horn County News.	3.25
Bercaw, E. H.	16.30	Big Horn Timber Co.	594.61
Berea College.	36.88	Big Hole Commercial Co.	24.00
Berg, A. J.	10.50	Big Holes Breezes.	3.00
Berg, C.	5.71	Bigler, H. T.	5.00
Berg, Chris.	58.75	Bignell, George A.	2.50
Berg, E. J.	9.25	Bigler, R. B.	113.75
Berg, Eric.	1.00	Bigley, Wallace.	17.00
Berge, J. M.	84.75	Big Timber Pioneer.	13.80
Berge, Louis.	87.50	Bilbro, W. S.	19.06
Bergey, Elwood.	12.00	Billings, Timothy.	2.50
Berger-Bean Hardware Co.	210.08	Billings, Burel.	95.55
Berger & Brachvogal.	7.38	Billmire, Harry E.	36.00
Berger, Edward.	1.00	Bills, C. L.	38.19
Berger, George.	41.50	Billups, G. P.	1.25
Berger & Sons, C. L.	59.30	Bingham, F. R.	22.95
Bergh, Marble.	18.00	Bingham, Grace.	93.00
Bergeron & MacDonell.	44.85	Bingsman, Frank.	65.68
Bergman, Arlie.	187.50	Birch, Andrew.	3.00
Bergman Commission & Seed Co.	47.60	Bird, Chas. C.	17.00
Bergman, Harry.	50.00	Bird & Co., J. A. & W.	35.10
Bergren, Gus.	18.50	Birdno, Geo. H.	18.65
Bergren, John.	19.25	Birks, Eugene.	25.63
Bergstrom, J.	1.75	Birrer, Frank P.	64.65
Belin Machine Works, The.	382.00	Birthe, George.	271.65
Bermudez, Lorenzo.	13.50	Bisby, Geo. H.	21.25
Bernalillo Mercantile Co.	102.75	Bish, Edward.	39.10
Bernard, Julius.	55.50	Bishop, Arthur F.	79.17
Bernard, T. E.	75.97	Bishop, Gavern.	9.00
Berrian, E. C.	6.35	Bishop Light & Power Co.	6.25
Berry Bros. (Ltd.).	5.50	Bishop Paper Box Co.	1,915.22
Berry, E. L.	3.25	Bishop & Young.	13.89
Berry, Fred H.	25.00	Bishop's Storehouse.	18.00
Berry, Horace.	7.50	Bittle, Fred.	6.25
Berry, J. E.	9.50	Bjarnason, G. E.	50.00
Berry, M. Alice.	35.00	Bjorn, J.	1.25
Berry, Walter.	10.38	Black, Charles.	54.50
Berryman, Ed.	5.87	Black, Elmer.	3.50
Bert, Ed.	3.75	Black, Sadie F.	7.67
Bertolero, Robert.	6.60	Black Springs Lumber Co.	179.74
Bertrand, Gerry.	3.92	Black, William.	3.00
Bertsch, Rudolph.	23.35	Blackfoot Commercial Co.	259.37
Bertsch, Albert.	12.30	Blackfoot Stage Line.	19.50
Beschwitz, R. M.	11.00	Blackford, Roy.	3.90
Besly & Co., Charles H.	102.42	Blackhall, L. C.	80.44
Besner, John.	3.96	Blackhills Weekly Journal.	15.74
Bessett, Bert.	4.25	Blackmer, Ned.	1.25
Bessett, R. A.	5.00	Blackmore, H. G.	40.00
Bessette, Eglantine.	10.00	Blackstone, Theo.	13.75
Best, Ed.	13.00	Blacktooth, Mariano.	5.50
Best, & Co., J. D.	189.01	Blackwell, C. W.	5.40
Betos B.	44.00	Blackwell, George M.	16.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Blackwell Lumber Co.....	\$30.80	Bobell, Chas.....	\$12.32
Blackwell, W. M.....	2.00	Bocarde, Tom.....	1.50
Blackwell, W. W.....	40.00	Bochmann, Bruno.....	110.50
Blair, Byron.....	1.25	Bock, Le Roy R.....	27.50
Blair, Duncan.....	2.50	Bodenhofer, L. W.....	11.00
Blair, Harry.....	1.50	Bodie Miner Index, The.....	12.60
Blair, James.....	4.45	Boescke-Dawe Co.....	10.00
Blair, J. W.....	5.70	Do.....	138.45
Blake, Benj.....	6.00	Bogatich, Louis.....	6.60
Blake, C. H.....	2.50	Boger, J. R.....	1.75
Blake, F. G.....	23.00	Bogue, A. T.....	33.50
Blake, Frederick.....	39.75	Bogue & Co., J. S.....	45.15
Blake, J. C.....	56.40	Bohannon, E. L.....	2.50
Blakeley, Mrs. Amelia L.....	108.02	Bohart, F. L.....	49.50
Blakeley, Geo. L.....	37.00	Bohnsack, John.....	20.50
Blakely, Chas.....	10.00	Boin, L. L.....	16.40
Blakely, Chester.....	60.05	Boin, L. L., and others.....	45.05
Blakely, H. A.....	105.35	Boint, Sam.....	2.50
Blakely, Cecil.....	8.60	Boissoneau, Joe.....	46.67
Blakely, Tom.....	.50	Bolam, Dr. Julia.....	1.50
Blakeslee Bros.....	59.29	Boland, Frank.....	15.00
Blalock Fruit Co.....	16.80	Boland, Harry.....	1.25
Blancett, Geo.....	2.75	Boley Mercantile Co.....	82.04
Blanchard, Chet C.....	36.25	Bolinger, W. A.....	98.70
Blancher, Henry.....	3.50	Bolleck, Mike.....	27.00
Blankenship, Elmer.....	20.00	Bollenbaugh, Ralph.....	8.75
Blankenship, Ernest.....	13.65	Bolt, Wm.....	2.00
Blankenship, E. O.....	10.50	Bolting, C. H.....	14.50
Blankenship, F. E.....	29.05	Bolton, C. M.....	35.50
Blankenship, H. B.....	25.00	Bolton, J. M.....	2.50
Blasing, E. W.....	1.50	Bolton, J. W.....	17.13
Blasingame, Paul B.....	6.00	Bolton, W. J.....	5.69
Blatz, William.....	3.75	Bolyard & Duncan.....	1.65
Bleak, Sam.....	22.50	Boman, Leon.....	.75
Blech, G. J.....	1.75	Bonar, Duff.....	1.75
Bleazond, Caleb D.....	4.00	Bonar, J. M.....	1.75
Blessinger, Charles.....	15.00	Bonar, J. S.....	2.25
Bletcher, W. B.....	23.00	Bond, Clara.....	10.00
Blevins, D. C.....	17.50	Bond, Floyd.....	1.00
Blevins, John.....	2.75	Bond, Geo.....	10.00
Blevins, H. Emile.....	8.75	Bond & Nohl Co.....	137.23
Blevins, Montie.....	47.50	Bond, Spencer.....	1.00
Blew, F. L.....	20.53	Bond, W. H.....	81.78
Blew, C. N.....	11.50	Bonds, Edwin.....	5.00
Blid & Schneider.....	60.80	Bonds, Fr.d.....	2.00
Blinn Lumber Co., The L. W.....	155.75	Bonds, Mrs. James.....	8.00
Bliss Bros.....	46.00	Bonds, James, jr.....	18.60
Block, Julius.....	6.00	Bonds, Will.....	10.50
Block-Miller Lumber Co.....	180.70	Bondurant, G. A.....	35.75
Blodgett, B. F.....	11.85	Bonebrake, Geo. A.....	50.00
Blodgett & Stone.....	17.05	Bonebright, John.....	6.00
Bloom, Carl.....	10.00	Bonham, Roy E.....	40.00
Bloom, C. W.....	8.00	Bonilla, J.....	12.75
Bloomquist, Adolph.....	6.90	Boone, C. J.....	4.30
Bloomquist, Charles.....	6.30	Boone County Hardware Co.....	198.80
Bloomstrom, John.....	60.50	Boumar, J. W.....	4.00
Blomfeld, C. E.....	34.15	Bouner's Ferry Lumber Co. (Ltd.).....	59.80
Blot, Harry.....	95.00	Bouner, Geo.....	4.00
Blubaugh, Frank.....	1.25	Bouner, John.....	2.60
Blue Lake Advocate.....	2.20	Bouner Merchandise Co. (Ltd.).....	421.96
Blue Line Transfer Co.....	9.57	Bouner, P. S.....	2.25
Blue Mountain American.....	1.74	Bouney, Jas. H.....	7.50
Blue Mountain Eagle.....	35.45	Bonniwell, P. M.....	477.00
Blue, Porter.....	10.50	Booker, Adam.....	45.00
Blum Bros.....	1.69	Booker, Fred.....	91.00
Blumnn, Walton.....	45.00	Booth Furniture Co. (Ltd.).....	15.00
Blumauer Photo-Supply Co.....	7.60	Booth, J. W.....	1.30
Blun Bros.....	64.68	Booth, Wilbur.....	6.25
Blundell, Ira W.....	7.50	Boothe, Frank.....	2.50
Boam, D. E.....	38.00	Boothe, Roy.....	4.41
Boardman, G. S.....	3.25	Boots, E. E.....	4.50
Boardman, Roy.....	36.00	Boquist, Richard.....	35.24
Boat, J. A.....	10.00	Bornstedt & Ruegg.....	19.78
Boatman, E. A.....	2.35	Boronda, Alex.....	5.75



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bormann, Fritz .....	\$2.00	Bozeman Milling Co., The.....	\$4.50
Borrowdale, W. M. ....	28.50	Bradbury, Frederic W.....	5.00
Borrows, J. D. ....	32.00	Bradbury, W.....	5.62
Bortz, A. ....	6.00	Bradford, A. W.....	50.00
Bortz, E. ....	6.75	Bradford, C. A.....	42.55
Bortz, L. L.....	5.25	Bradford & Johnson.....	43.50
Bosch Co., Henry.....	4.00	Bradford & Son.....	18.50
Bosco, Angelo.....	1.25	Bradley & Campbell.....	1.25
Boss, J. F.....	.52	Bradley, Lee.....	17.50
Bosse, W. L.....	15.00	Bradley's Stationery Store.....	6.25
Bost, W. D.....	73.50	Bradshaw, Thomas.....	5.00
Botruff, Chas.....	1.50	Brady, L. A., jr.....	7.50
Bottaro, V.....	2.00	Brady, M. L.....	22.60
Bottoms, W. C.....	2.50	Bragg, Leonard M.....	87.25
Boughton, E. H.....	47.50	Brain Bros.....	3.10
Boulder Livery & Feed Stable.....	9.50	Brainard, M.....	8.00
Boulder Market.....	87.15	Bramhall, Voil.....	17.50
Boulter, Joseph M.....	19.00	Brandborg, Lloyd W.....	18.00
Boulware, Robt. H.....	43.00	Brandenburg, J. D.....	48.00
Boutelier, Rupert.....	19.76	Brandenburg, M.....	77.00
Bourk, Isaac.....	69.00	Brandes, H. L.....	53.10
Bourne, Marshall.....	2.50	Brando, Jahrl Ross.....	75.00
Bouslog, G. T.....	3.00	Brandow, Brandhart.....	70.50
Bouteiller, Louis.....	1.25	Brandt, William.....	8.50
Bovee, I. N.....	86.65	Branham, Ray.....	13.00
Bovet, John.....	1.00	Brannan, H. W.....	3.00
Bowden, Geo. F.....	47.00	Brannan, Julius.....	22.81
Bowe, J.....	3.15	Brannin, R. A.....	20.00
Bowen, A. C.....	11.25	Branscum, Charley.....	7.20
Bowen, Ernest A.....	35.00	Branscum, S. B.....	11.10
Bowen, J. C.....	18.40	Bransford, J. C.....	12.00
Bowen, V.....	64.55	Brant, Charles E.....	40.00
Bowen, William.....	4.00	Brant, Ed.....	39.00
Bowles, Samuel P.....	37.50	Brashears, W. H.....	27.77
Bowler, Thomas.....	3.75	Brass, Julius.....	100.00
Bowman Art Co.....	37.40	Brasseur, Rodger.....	6.55
Bowman & Co.....	142.34	Bratley, Roy S.....	230.86
Bowman, C. P.....	3.00	Bray & Schnutz.....	30.00
Bowman, Frank.....	5.00	Breeden Office Supply Co.....	7.00
Bowman, Hargis.....	1.50	Breedlove, I. M.....	1.35
Bowman, J. D.....	12.90	B-R. Electric & Telephone Manufac-	
Bowman, John.....	3.10	turing Co., The.....	6.30
Bowman, Lewis.....	3.25	Breen, F. S.....	24.90
Bowman, Mat.....	5.40	Breece, Chas.....	5.50
Bowmer, Jim.....	4.00	Breece, Richard.....	9.50
Bower, Frank.....	15.30	Breece, Will.....	5.75
Bower, G. S.....	27.18	Breece-Webber Co.....	23.10
Bowers, Walter F.....	4.50	Breeze, The.....	24.31
Bowlen, C. C.....	8.45	Brehm & Bro., E. E.....	10.00
Bowles, James T.....	7.10	Breman, Charles.....	35.10
Bowman, P.....	7.05	Brender, Fred L.....	48.00
Bowser, Harry.....	37.50	Brendle, Norman.....	12.00
Boyce, Geo. A.....	40.00	Brenick, Jennie.....	16.00
Boyce & Co., Ira G.....	118.00	Brennan Brothers.....	150.58
Boyd Bros.....	34.60	Brennan & Davis.....	16.00
Boyd, Claud.....	1.20	Brennan, Robert.....	62.50
Boyd, Geo. A.....	3.00	Brennegan, W.....	16.25
Boyd, Harry.....	63.00	Brenner, John C.....	48.00
Boyd, James.....	8.00	Brent, G. W.....	31.50
Boyd, John M.....	91.65	Brentano's.....	1,329.79
Boyd, Leonard.....	1.50	Brentari, John.....	16.00
Boyd Lumber Co.....	9.47	Brereton, Mrs. C. V.....	42.50
Boyd, S. W.....	2.80	Bresher, Louis.....	6.00
Boyd, Thomas.....	15.25	Breshner, Wm.....	2.40
Boyd, Wingfield C.....	1.65	Bretz, J. S.....	29.50
Boyland, Dan.....	52.50	Brewer, Albert.....	4.65
Boyle, D. P.....	1.80	Brewer, C. R.....	20.90
Boyle, Eugene.....	6.50	Brewer, Jack.....	7.80
Boyle Furniture Co.....	170.72	Brewer, James.....	11.85
Boyle Hardware Co.....	105.30	Brewer, Jim.....	82.50
Boyle, James.....	75.00	Brewer, Robt.....	1.50
Boyles, A. L.....	3.00	Brewer, Solomon.....	7.50
Boynton, C. B.....	12.00	Brewer, Walter.....	2.40
Boynton, R. H.....	5.75	Brewer, Will.....	10.00
Bozeman Chronicle.....	5.20	Brewer, W. R.....	18.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Brewster, Wm.	\$2.50	Brown, Chas.	\$16.00
Breyman Leather Co.	71.85	Brown, C. H.	41.10
Bridal Veil Lumbering Co.	57.30	Brown, C. T.	4.37
Bridger Grocery Co.	148.18	Brown, Dan.	.72
Bridger, J. H.	179.85	Brown, E. J.	10.59
Bridges, Bertha.	10.00	Brown's Express Co.	4.50
Brien, John.	70.00	Brown, E. P. & Co.	80.43
Brigger & Hetherington.	13.50	Brown, F. P.	18.00
Briggs, Harry.	9.75	Brown, Frank.	6.00
Briggs, H. D.	58.00	Brown & Co., Frank E.	17.00
Briggs, W. A.	334.50	Brown, Geo.	20.00
Bright, G. A.	35.00	Brown, Geo. B.	48.75
Brighton, W. S.	3.00	Brown, George M.	12.75
Brimmer, John W.	5.00	Brown, G. N.	25.50
Bringham, L.	9.70	Brown, Hyrum.	25.00
Brink, Gus.	6.00	Brown, Isaac O.	112.67
Brink, J. G.	4.10	Brown, James A.	24.29
Brink, Roy.	11.21	Brown, J. Arthur.	7.50
Brinker, Geo.	1.46	Brown, J. B.	10.00
Brinker, Grocery Co.	46.13	Brown, James C.	2.00
Brinkerhoff, P.	62.76	Brown, J. D.	137.95
Brinkley, J. A.	14.75	Brown, J. L. Fur Co.	3.50
Brisbin, Wm.	2.00	Brown, Jas. R.	24.00
Brisco, S. B.	50.00	Brown, Jerry.	70.00
Bristol, H. Stanley.	2.50	Brown, John.	7.88
Britt, William O.	9.45	Brown, John F.	17.14
Brittain, L. L.	6.00	Brown, J. H. C.	1.20
Brittain & Co.	57.51	Brown, J. R.	18.00
Britten, Bros.	10.33	Brown, John T.	2.50
Britten, Ernest.	5.00	Brown & Bro. Merc. Co., J. S.	8.59
Brizard, A. (Inc.).	407.17	Brown, K. G.	92.50
Broadbelt, Danl.	9.00	Brown, L. J.	9.05
Broadhead, Will.	2.70	Brown, L. T.	.83
Broadwell Stores.	45.35	Brown, Mrs. M. B.	3.10
Brobeck, Edwin.	137.50	Brown, M. D.	71.52
Brobo, Antonio.	5.70	Brown, Rex R.	17.93
Brock, Stanley R.	185.00	Brown, Robert.	11.35
Brockbank, A. E.	33.25	Brown, S. L.	107.73
Brockenberry, A.	12.00	Brown, Stephen.	32.63
Brockliss, A. E.	8.50	Brown, W. J.	7.50
Brockman, E. G.	2.75	Brown, Wm.	2.00
Brodrick, E.	2.00	Brown, Wm. B.	4.00
Brodrick, T. F.	14.75	Browne, F. T.	7.50
Broken Bow Steam Bakery.	9.00	Browne, Osborne.	48.00
Brookings Lumber & Box Co.	24.54	Browrigg, Miles.	7.20
Brookner & Knowles.	33.25	Brownell Bros. Co. (Ltd.).	98.62
Brooks, Carl.	8.25	Brownell & Co.	39.26
Brooks, E. D.	13.90	Brownell, P. I.	322.78
Brooks, Edward.	31.50	Brownfield & Kinsel.	3.00
Brooks, E. W.	6.90	Browning Bros. Co.	118.27
Brooks, J.	15.75	Browning, Ralph H.	18.00
Brooks, John D.	7.50	Brownlee, W. H.	9.99
Brooks, M.	9.56	Brownlow, J. T.	60.00
Brooks, Roy.	.40	Brownlow, Oliver P.	10.00
Brooks, T. C.	3.55	Brownsville & Matamoras Bridge Co.,	
Brooks Tent & Awning Co.	100.30	The.	48.75
Brophy, E. F.	7.00	Broyles, Calvin.	.30
Bortlen, Dolliver.	41.40	Broyles, James.	.30
Brose, Fred W.	20.00	Bruce, H. N.	31.50
Brose, W. M.	51.65	Bruce, J. E.	13.00
Brosius, J. W.	3.50	Bruce, Yerbe.	.60
Brotherson, Chris.	28.00	Bruffey, Primas.	17.20
Brough, Le Roy.	6.00	Brummitt, J. F.	13.00
Brough, Walter F.	30.00	Brunmier, George.	7.75
Brown & Co.	7.10	Brumstedt, Axel.	2.50
Brown Co., The A.	29.46	Brundage Hardware Co.	3.75
Brown, Albert C.	46.25	Brummiar, Frank.	5.75
Brown, Alfred E.	5.00	Brunmier, Henry.	7.75
Brown, Al. J.	42.16	Brunton, J. D.	3.00
Brown, Andrew.	35.36	Brunger, C.	1.25
Brown, Art.	3.00	Brunson, Abe.	60.00
Brown & Bell.	15.00	Brunson, J. N.	10.00
Brown, Bert.	1.50	Brunswick, Eugene.	18.40
Brown, C. A.	27.00	Brunswick Drug Co.	4.06

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Brunyate, F. B.....	\$100.00	Burch, W. P.....	\$5.00
Bruton, Archie.....	3.08	Burden, C. H.....	12.50
Bruton, Lafayette.....	3.08	Burden, F. G.....	26.30
Bryan, A. L.....	22.40	Burden, J. T.....	18.50
Bryan, Bert.....	90.00	Burelle, Morse.....	10.00
Bryan, C. L.....	5.00	Burford, Archie.....	2.50
Bryan, C. M.....	16.80	Burgess, Charles.....	8.93
Bryan, E.....	5.00	Burgess, D. J.....	123.16
Bryan, J. L., jr.....	20.00	Burgess, H. B.....	1.50
Bryan, L. J.....	22.40	Burgess, I. W.....	1.50
Bryan, T. C.....	413.40	Burgess, Lester.....	28.00
Bryan, Vergil.....	1.20	Burgh, W. F.....	29.50
Bryan, W. E.....	21.00	Burk, Fred.....	5.00
Bryant, Albert.....	2.70	Burk, John.....	21.20
Bryant, George.....	11.00	Burke Bros.....	60.55
Bryant, John.....	1.80	Burke, Geo. W.....	27.00
Bryant & Trott.....	47.80	Burke, Milo.....	4.00
Bryant, W. T.....	23.00	Burke & James.....	32.12
Bryom, Joseph T.....	5.00	Burke, Lehman & Scott.....	59.96
Buchanan, James.....	26.25	Burkett, J. J., & Co.....	187.70
Buchanan, Jas. A.....	85.00	Burkhart, D. W.....	1.80
Buchanan, William.....	130.08	Burkhart, J.....	10.00
Buchholz, Lee F.....	12.00	Burkhart, W. E.....	3.90
Buchman & Co.....	9.45	Burkholter, Jacob R.....	14.00
Buckingham, Jas.....	3.00	Burks, Fred C.....	48.50
Buckland, J. J.....	18.00	Burley Bulletin.....	18.60
Bucklar, Mrs. Geo. T.....	120.00	Burmeister, Fred.....	1.50
Buckley, J. E.....	7.50	Burmister & Sons Co., R. H.....	53.16
Buckley, Wm. S.....	4.00	Burnett, Albert G.....	36.50
Buckman, Henry.....	40.00	Burney, F. E.....	3.00
Buckner, C. M.....	6.00	Burney, R. A.....	1.50
Buckner, W. L.....	12.95	Burney's, R. A.....	1.60
Buda Co., The.....	31.00	Burnham, Fred.....	20.00
Budd, C. P.....	25.00	Burns, W. H.....	88.00
Buddington, R. W.....	33.00	Burnside, James.....	34.00
Buell, P. I.....	5.76	Burr, Irvin.....	2.00
Buell, John L., & Sons.....	402.20	Burr, John.....	6.00
Buellna, Caytano.....	4.75	Burr, J. A.....	2.00
Buffalo Hardware Co.....	76.40	Burr, M. S.....	1.50
Buffalo Voice.....	3.50	Burr, Wm.....	.50
Buffum, W. H.....	6.25	Burrall & Co.....	31.04
Buford & Co., S. R.....	27.95	Burrell, Geo. L.....	8.95
Bugbee, George.....	9.00	Burrell, Harry A.....	2.50
Buhler, Ernest.....	36.67	Burrell, Richard.....	23.80
Bull, Moses Red.....	11.75	Burrell, Raymond.....	36.39
Bull, Theodore.....	17.50	Burroughs Adding Machine Co.....	979.63
Bullard, S. A.....	6.36	Burroughs, H. F.....	15.50
Bullard & Gormley Co.....	17.50	Burrows & Co., O. A.....	13.50
Bullendick, Ray O.....	35.00	Burroughs, Welcomer & Co.....	9.17
Bullinger, E. W.....	7.60	Burrows, Ray.....	1.20
Bullocks.....	1.50	Burrows, Ruben.....	.25
Bummett, Thomas.....	25.00	Burt, C. H.....	8.00
Bunch Bros.....	9.50	Burt, C. R.....	1.50
Bunch, B. S.....	2.50	Burt, G. H.....	96.25
Bundy, G. L.....	5.00	Burt, L. D.....	13.05
Bundy, John.....	20.00	Burtierez, Jose.....	9.75
Bunker Hill & Sullivan Mining & Construction Co.....	24.00	Burtman, Robert.....	2.00
Bunker, S. A.....	18.40	Burtner, O. A.....	8.00
Bunnell, Ernest.....	10.00	Burton, G. L.....	10.00
Bunting, Jay.....	8.10	Burton-Littlewood Co.....	8.00
Bunyard, Hayse.....	7.80	Burton Mercantile Co.....	51.98
Buol, F. E.....	25.19	Burton & Sons, R. C. M.....	783.55
Buoy, Roy.....	22.00	Burton, W. H.....	4.25
Burbank Lumber Co.....	21.39	Busby, Clifton.....	4.50
Burbank, Luther.....	16.00	Busby, C. G.....	3.44
Burbidge, W. A.....	32.50	Bush, A. L.....	12.25
Burbidge, W. P.....	20.00	Busher, Louis.....	27.00
Burch, Ben.....	315.00	Bushnell Co., Alvah.....	14.50
Burch & Co., F. J.....	2,321.40	Bushnell, Jesse I.....	218.58
Burch, John.....	56.00	Busic, Charlie.....	4.50
Burch, Luther.....	6.00	Buss, Carl C.....	31.50
Burch & Webster.....	10.50	Busse, Albert C.....	33.40
Burch, W. J.....	335.00	Bust, Justus W.....	25.00
		Buster, Bert.....	27.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Buster, Charles F .....	\$10. 50	Callow, F. B. ....	\$278. 45
Buster, Dug. ....	30. 00	Calwell, L. ....	24. 00
Buster, Irvin J. ....	16. 50	Camacho, Frank. ....	243. 00
Buster, M. E. ....	24. 00	Camacho, Warsizo. ....	9. 75
Buster, Monty E. ....	13. 50	Camas Prairie Courier. ....	2. 50
Buster, W. D. ....	9. 00	Cameron, Benj. ....	17. 50
Buster, W. J. ....	54. 00	Cameron & Corbett. ....	7. 35
Buster, Wm. ....	6. 30	Cameron, D. W. ....	10. 97
Butte Miner Co. ....	12. 71	Cameron, Essie D. ....	15. 50
Butler Annex Hotel. ....	18. 85	Cameron, Wm. ....	56. 00
Butler, Ed. ....	22. 00	Camm, E. L. ....	6. 80
Butler, Geo. E. ....	8. 90	Camp, George. ....	5. 00
Butler, H. B. ....	7. 00	Camp, O. B. ....	3. 50
Butler, James. ....	52. 00	Camp, Jacob H. ....	255. 00
Butler, J. W. ....	32. 50	Camp, W. H. ....	7. 00
Butler, W. J. ....	2. 10	Camp, Rincon. ....	5. 95
Butterfield, C. L. ....	14. 40	Camp Rincon Resort Co. ....	12. 40
Butts, W. E. ....	3. 50	Camp Sign Co. ....	16. 95
Buxton, Walter. ....	3. 60	Campbell, Ambrose. ....	6. 75
Buzzard, Wm. ....	8. 24	Campbell, Archie. ....	6. 75
Bye, D. C. ....	6. 00	Campbell, Ben. ....	2. 80
Byed, John. ....	16. 00	Campbell, C. ....	8. 75
Byerrum & Jacobs. ....	16. 00	Campbell, Charles L. ....	32. 25
Byers, Allen. ....	11. 00	Campbell, Emma. ....	36. 67
Byers, Austin. ....	22. 50	Campbell, Frank. ....	3. 00
Byers, George A. ....	3. 58	Campbell, Grover. ....	2. 80
Byhee & Wierman. ....	7. 40	Campbell, Guy. ....	5. 70
Byles, Sid. ....	6. 00	Campbell, Henry. ....	2. 80
Byram, George. ....	2. 00	Campbell, Hiram. ....	7. 00
Byrd, Philip L. ....	25. 00	Campbell, H. B. ....	2. 00
Byrne & Co., John. ....	230. 00	Campbell, Hyle. ....	5. 61
Bystrom, Nels. ....	38. 45	Campbell, James. ....	98. 60
Cabrera, Jose. ....	4. 50	Campbell, J. H. ....	4. 95
Cable, Miss Alma. ....	2. 00	Campbell, J. L. ....	5. 61
Cache Valley Mercantile Co. ....	1. 95	Campbell, John. ....	13. 20
Caddo Publishing Co. ....	20. 10	Campbell, Mrs. J. N. ....	49. 85
Caddy, James. ....	17. 25	Campbell, J. S. ....	21. 60
Cadwallader, Alfred. ....	62. 50	Campbell, L. ....	55. 87
Cadwell, Beulah. ....	5. 00	Campbell, L. J. ....	400. 00
Caffee, J. H. ....	46. 25	Campbell, Price. ....	2. 80
Cain, George. ....	24. 25	Campbell, Samuel. ....	30. 00
Cain, P. J. ....	16. 00	Campbell, T. J. ....	46. 31
Cain, Tim. ....	24. 00	Campbell, Vernon. ....	10. 87
Caisse, Antonio M. ....	50. 00	Campton Hotel. ....	33. 00
Calderow, Jose. ....	18. 25	Campos, Delphino. ....	15. 00
Calderwood, Grimes. ....	16. 00	Campton Commercial Co. ....	111. 45
Caldwell, Mrs. I. H. ....	22. 00	Canann, Harry L. ....	33. 25
Caldwell, I. H. ....	33. 00	Canant, George E. ....	49. 44
Caldwell, Jay. ....	1. 00	Cancino, Manuel. ....	15. 61
Caldwell, J. F. ....	8. 23	Canfield, Fred W. ....	51. 00
Caldwell, Robt. M. ....	21. 00	Canfield, Walter. ....	76. 23
Caldwell, Wm. ....	35. 70	Cannon, Walter. ....	16. 43
Caldwell & Sons, J. N. ....	21. 70	Cantrall, T. L. ....	3. 90
Calevarto, John. ....	6. 60	Cantrell, J. N. ....	8. 10
Caledonian Coal Co. ....	25. 00	Cantrell, J. W. ....	6. 75
Calfield, Frank. ....	10. 00	Cantrell, Tom. ....	1. 95
Calhoun, C. D. ....	30. 00	Canty, Frank. ....	15. 60
Calhoun, C. F. ....	52. 50	Canterbury, Mark R. ....	43. 60
Calhoun, H. O. ....	20. 00	Capital City Map & Blue Print Co. ....	18. 58
California Hot Springs Co. ....	331. 30	Capital City Paper Co. ....	13. 80
California Mining & Dredging Syndi- cate. ....	159. 90	Capital Traction Co. ....	137. 50
California National Supply Co. ....	6. 39	Caplin, William. ....	16. 25
California Timber Co. ....	2. 50	Capps, Jim. ....	56. 00
Calkins, Helen M. ....	50. 00	Capps, W. H. ....	35. 00
Calkins, Willie. ....	2. 00	Carabajal, Damian. ....	9. 60
Call, A. V. ....	27. 50	Carbon City Beer & Ice Co. ....	1. 85
Call, G. J. ....	3. 00	Carbondale Item. ....	8. 65
Call, Thomas J. ....	5. 75	Carbon Mercantile Co. ....	98. 37
Callahan, A. D. ....	54. 00	Carbon Timber Co. ....	110. 69
Callahan, John. ....	1. 25	Card Manufacturing Co., S. W. ....	82. 12
Callihan, G. T. ....	9. 00	Cardiff, Howard. ....	33. 50
Callison, Orange S. ....	1. 50	Cardewas, Francisco. ....	23. 25
Callow, Bertie. ....	1. 00	Cardwell, B., Print & Lith. Co. ....	90. 15
		Carey Co., The Philip. ....	7. 26

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Cariher & Miller .....	\$9.80	Casey, Geo. D. ....	\$79.40
Carl, A. B. ....	2.50	Casey Co., C. C. ....	8.65
Carl, Frederick .....	6.00	Cash Department Store (Inc.), The ..	38.07
Carl, Joseph .....	2.50	Cash Store, The .....	79.05
Carl, H. F. ....	3.33	Cash Drug Store .....	8.95
Carlton, T. H. ....	50.00	Cash Grocery Co. ....	7.25
Carlow, Wm. ....	8.25	Cash, W. H. ....	5.90
Carlson, A. ....	65.00	Caskey & Elliot .....	54.75
Carlson, Carl .....	21.00	Caskey, Joe .....	4.00
Carlson, Charley .....	1.00	Casler, Frank .....	1.50
Carlson, Edward .....	10.00	Casler, Geo. C. ....	3.00
Carlson, Frank .....	32.75	Cashmere Valley Record .....	3.90
Carlson, Wm. ....	25.00	Casner, Alexander .....	3.50
Carlson-Lusk Hardware Co. ....	222.30	Cass, A. L. ....	1.50
Carlton & Son .....	4.00	Cass, John W. ....	125.15
Carlyon, R. W. ....	1.25	Cass Lake Commercial Club .....	17.50
Carmichael, J. J. ....	110.75	Cass Lake Times, The .....	5.06
Carney, Tom .....	3.00	Cass, W. S. ....	11.40
Carpenter, A. J. ....	1.00	Cassaretto, Frank L. ....	26.25
Carpenter, Mrs. C. O. ....	8.00	Cassidy & Sons, Daniel .....	31.65
Carpenter, G. M. ....	14.00	Castagna & Co., R. ....	6.97
Carpenter, Grant .....	27.00	Castagna & Son, R. ....	19.62
Carpenter, H. S. ....	20.40	Castella Cash Store .....	47.60
Carpenter, John .....	2.50	Castello, Refugio .....	15.25
Carpenter, Jerome .....	1.00	Castillo, Arastacio .....	13.00
Carpenter, Jonathan .....	7.90	Castle, Evelyn D. ....	5.00
Carpenter, P. D. ....	45.00	Castle, Rita A. ....	57.50
Carpenter, Lewis A. ....	361.22	Castleberry, Robert .....	3.75
Carpenter, Mont. ....	22.00	Castro, Alex. ....	13.00
Carpenter, W. F. ....	4.05	Castro, B. ....	11.50
Carpenter & Co., Geo. B. ....	35.00	Castro, Frank .....	2.75
Carpenter Seed Co. ....	93.00	Castro, Jose .....	1.25
Carper, George .....	24.00	Castro, M. ....	2.50
Carr & Elsethagen .....	209.54	Castro, Rojelio .....	14.50
Carr Co. (Inc.), E. S. ....	14.15	Castro, Toney .....	5.75
Carr, G. H. ....	16.00	Cate, A. E. ....	2.25
Carr, Harold .....	15.00	Cate, C. E. ....	2.75
Carrey, Bradford .....	58.00	Cate, D. W. ....	6.75
Carrey, T. C. ....	16.00	Cate, H. A. ....	4.50
Carrejo, Ambrosia .....	8.00	Cate, H. L. ....	37.50
Carrier, Geo. W. ....	4.00	Cate, J. W. ....	3.00
Carrigan, Joe .....	6.25	Cate, L. C. ....	2.25
Carrington, J. G. ....	20.00	Cator, John .....	65.00
Carrillo, Ricardo .....	7.50	C. & C. Lumber Co. ....	13.34
Carriazo News .....	3.33	Cathey Bros. & Martin .....	88.96
Carroll, J. J. ....	37.50	Cathey, N. B. ....	4.00
Carroll, William A. ....	165.00	Cattaneo, U. G. ....	400.00
Carroll Electric Co. ....	5.50	Cavander, J. Q. ....	7.60
Carlsly, William .....	9.75	Cavander Electric Co., J. A. ....	3.00
Carson, C. M. ....	49.95	Cavine, Charles .....	5.00
Carson, Frank O. ....	2.50	Cavin, G. W. ....	43.00
Carter, Alfred W. ....	300.00	Cawthon, Burruss .....	4.75
Carter Bros. ....	80.34	Cawthon, J. B. ....	10.00
Carter, Clarence .....	1.50	Cazados, Antonio .....	9.75
Carter, Daniel R. ....	32.00	Cazados, Ramon .....	9.75
Carter, E. C. ....	367.20	Cazier Bros. ....	21.70
Carter, D. W. & F. A. ....	34.24	Cearley, C. T. ....	29.50
Carter, Fera .....	22.00	Cearly, J. M. ....	7.00
Carter, Jos. ....	2.40	Cedaredge Hardware Co. ....	2.95
Carter, Marvin .....	3.60	Cedro, Bentisto .....	7.50
Carter, R. S. ....	1.20	Ceely, Fred .....	13.00
Carter, Sam .....	1.50	Cell, Jas. O. ....	15.00
Carter, Will .....	1.20	Celli, Pello Be Gay Sit .....	15.00
Carter's Ink Co. ....	42.50	Celio & Sons, C. G. ....	11.91
Carver, J. F. ....	16.00	Central Drug Store .....	19.20
Cary, N. L. ....	74.30	Central Electric Co. ....	68.04
Casada, Mateo .....	6.34	Central Law Journal Co. ....	5.00
Case, Albert L. ....	37.50	Central Meat Market .....	19.40
Case, Charles .....	2.50	Central Pacific Railway Co. ....	.91
Case, F. L. ....	25.72	Central Steongraphers .....	25.95
Case, H. R. ....	16.30	Central Transfer Co. ....	20.75
Case, W. M. ....	7.50	Century Camera Division E. K. Co., ..	19.50
Case, N. C. ....	165.00	Cessna, C. M. ....	50.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Chabes, Desiderio.....	\$9.60	Chicago Rawhide Manufacturing Co....	\$4.25
Chabes, Pedro.....	7.50	Chicago Screw Co.....	26.12
Chace, T. F.....	17.00	Chidester, Theodore.....	81.00
Chaconda, Acosta Jesus.....	5.00	Chieftain Printing Co.....	3.22
Chadbourne, A. W.....	155.00	Chilcoat, Roy.....	56.00
Chadwick, Jr., A. B.....	1.50	Childers, Cleveland.....	3.45
Chaffin, M. N.....	57.75	Childers, Dennis.....	6.45
Chaffin & Blanche.....	29.25	Childers, Sile.....	1.50
Chagna, Macario.....	4.50	Childers, W. H.....	2.50
Chahigoga, Sam.....	12.00	Chilson, Ed.....	1.00
Chalfont, Arthur.....	11.20	Chinn, Frank.....	12.80
Chafont, W. A.....	2.50	Chipman Mercantile Co.....	9.80
Challenge Machinery Co.....	16.05	Chippewa Trading Store.....	178.94
Chamberlain, A.....	12.00	Chitwood, A. B.....	17.65
Chamberlain, H. S.....	23.10	Chittenden, Virgil E.....	17.50
Chambers, F. B.....	104.37	Chivington, A. H.....	64.50
Chambers Transfer Co.....	14.00	Chivington, Harry H.....	4.75
Champagne, Henry.....	1.70	Chenoweth, R. E.....	3.37
Champagne, Sam.....	1.75	Chong Company, Wing.....	5.00
Champion, Douglas.....	46.89	Chopline, R.....	3.60
Champion, F.....	22.00	Choteau, Acantha.....	13.10
Champion, H. H.....	32.00	Choteau Mercantile Co.....	3.20
Champion, L.....	12.00	Chow Co, Wing.....	15.00
Champion, William V.....	7.80	Chowning, J. W.....	60.04
Chance, A. N.....	49.76	Chisman, F. M.....	20.80
Chandler, B. B.....	38.00	Christensen, Alma.....	10.31
Chandler, Orland.....	53.02	Christensen, C.....	12.50
Chandler, Virgil W.....	47.50	Christensen, C. M.....	13.75
Chandler, William.....	176.74	Christensen, R. M.....	51.50
Channon Co., H.....	223.14	Christensen, Ernest.....	71.50
Chantry, C. N.....	1.50	Christensen, H. M.....	180.00
Chapin, Fred.....	12.20	Christensen, James.....	10.00
Chapin, G. B.....	43.78	Christensen & Mann.....	51.09
Chaplin, Bruno L.....	15.00	Christensen, Ande.....	9.75
Chapline, W. Ridgely.....	44.08	Christenson, Nels.....	8.00
Chapman, Andrew J.....	79.75	Christenson, Henning.....	16.00
Chapman, William.....	33.00	Christenson, John.....	4.00
Chappell, M. E.....	95.30	Christensen, Luella.....	45.32
Chappell, S. A.....	10.50	Christensen, N. P.....	2.00
Chapple, John.....	16.00	Christensen, N. T.....	5.60
Charbonneau, Charles.....	37.50	Christensen, Peter.....	5.00
Chard, J.....	99.15	Christensen, F. E.....	10.80
Charlesworth, George.....	3.50	Christensen, F. C.....	24.00
Charley, Walter.....	5.38	Christian, E.....	7.12
Charters, Sam.....	1.00	Christiansen, Arthur.....	2.00
Charves, Juan.....	5.50	Christiansen, Martin.....	5.00
Chanvin, A.....	5.30	Christiansen, N. W.....	10.00
Chavez, Eduardo.....	5.00	Christierson, Penelope.....	6.30
Chase, Alden S.....	124.50	Christeonsson, W. E.....	15.90
Chase, Dan J.....	3.75	Christiansen & Carther.....	8.30
Chase, F. J.....	6.00	Christie, D. S.....	35.00
Chase, Leo.....	31.80	Christmon, Earl.....	18.75
Chase, L. R.....	70.90	Christofferson, Elias.....	7.00
Chase, Thomas.....	6.00	Christy, Francis.....	1.75
Chase & Ferguson Transfer Co.....	3.25	Chronicle Publishing Co.....	12.00
Chase, G. F.....	10.00	Chronister, W. C.....	25.80
Chase, William.....	92.60	Chuning Mercantile Co.....	366.95
Chatfield, J. W.....	1.00	Church, John J.....	9.00
Chauret, Eli.....	2.00	Church, J. V.....	40.00
Chavez, Gavino.....	42.42	Church, W. A. H.....	405.99
Cheatham, Sterling.....	29.07	Churchill & Co., E. M.....	25.15
Cheek, Horace.....	.90	Churchill, F. H.....	81.10
Chelan Falls Milling Co.....	65.82	Churchill, Glenn.....	27.85
Chelan Hardware & Furniture Co.....	.45	Churchill Hardware Co.....	57.00
Chelan Leader.....	12.35	Churchill-Warren Fixture Co.....	5.70
Cheney, Edward M.....	35.60	Cimpher, Edmund D.....	25.00
Cheney, Frank.....	12.00	Cisler & Denehue.....	2.00
Cheney, Fred W.....	13.75	Citizens Coal Co (Ltd.).....	7.00
Cheney, H. E.....	71.75	Citrus City Lumber Co.....	5.60
Cherry, E. F.....	2.75	City Carriage & Wagon Shop.....	1.25
Cherry, Mark X.....	11.25	City Drug Store.....	13.15
Chesaw News, The.....	2.25	City Feed Store.....	63.34
Chlarson, H. R.....	32.22	City Grocery, The.....	14.20
Chicago Flexible Shaft Co.....	100.00	City of Logan.....	10.00
Chicago Pulley & Shafting Co.....	60.82	City of Madison.....	2.10



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
City Meat Market.....	\$39.15	Cleaves, C. S.....	\$7.50
City of St. George.....	5.40	Cleaves & Young.....	4.00
City Pharmacy.....	12.10	Cle Elmm Echo.....	4.55
City Stables.....	45.60	Cle Elmm Mercantile Co.....	14.29
City Towel Supply Co.....	30.50	Cheek, I. D.....	114.30
City Transfer Co.....	59.50	Clemens, Frank.....	12.00
Clabby, J. E.....	22.00	Clemens, G. C.....	9.25
Clabby, R. E.....	34.50	Clements, James W.....	97.75
Clair, Peter.....	9.90	Clements, Samuel.....	26.00
Claus, Louis.....	5.75	Clemons, William D.....	10.00
Clapp, Thomas A.....	5.00	Clendenning, C. B.....	4.50
Clapper, C. C.....	13.50	Cleve, B.....	47.25
Clarendon Hotel.....	36.50	Cleveland Rule Co.....	75.60
Clark, Alexand.....	40.00	Click, W. D.....	2.10
Clark, Alfred K.....	16.25	Cliff, Mrs. Centennial.....	28.00
Clark, Ben.....	2.50	Cliff Mercantile Co., The.....	8.50
Clark, C. A.....	23.88	Clifford, E. C.....	40.60
Clark, C. W.....	6.85	Clifton, Samuel B.....	23.50
Clark, Charles.....	79.62	Cline, Charles.....	5.25
Clark, Jr., Dave.....	4.20	Clinton, Joseph.....	61.00
Clark, Dale.....	3.25	Cloud Dodge Co.....	37.90
Clark, Edmund.....	31.00	Clow, Floyd.....	14.38
Clark, Edmund.....	75.75	Clow, Loyd.....	5.00
Clark, E. F.....	2.50	Clow, Will.....	1.80
Clark, Ed. W.....	163.88	Clow & Sons, James B.....	159.71
Clark, F. P.....	4.75	Cloward, Otto.....	3.25
Clark & Sons, George E.....	13.25	Closson, Charles.....	160.00
Clark & Graham.....	19.85	Cloyton, Teen.....	11.25
Clark, George W.....	40.00	Clyde Timber Co.....	76.08
Clark, H. C.....	15.00	Clyde, James W.....	25.00
Clark, H. L.....	115.75	C. M. & P. S. Ry.....	8.25
Clark, Homer Y.....	11.87	Coan, H. M.....	35.00
Clark, Jack.....	9.00	Coast Trading Co.....	15.76
Clark, James.....	5.00	Coast Typewriter Supply Co.....	9.00
Clark, J. D.....	14.50	Coats, Herbert.....	3.60
Clark, James H.....	3.50	Coats, W. W.....	25.50
Clark, J. C.....	22.50	Coates & Moore.....	67.20
Clark, Joe.....	45	Cobb, A. L.....	2.25
Clark & Houghton.....	27.27	Cobb, Newton.....	10.60
Clark, Lee.....	6.20	Cobbs, B. W.....	76.67
Clark, Lloyd.....	35.00	Coble, H. I.....	6.00
Clark Lumber Co.....	81.40	Cochran, Fred.....	8.00
Clark, Meade.....	10.00	Cochran, Ray S.....	20.00
Clark, Neal.....	4.00	Cochran, Roy.....	15.00
Clark, P. M.....	48.36	Coconino, Sim.....	26.30
Clark, R. H.....	1.37	Codd, W.....	2.75
Clark, Sam.....	53.82	Coddington, Harry.....	37.25
Clark Transfer Co.....	2.28	Cody, James.....	381.00
Clark, Mrs. R. C.....	5.00	Cody Trading Co.....	102.36
Clark, T. S.....	22.75	Coeur d'Alene Hardware Co.....	680.86
Clark, Walter.....	96.62	Coeur d'Alene Lumber Co.....	24.00
Clark, Wilbur.....	1.62	Coeur d'Alene Stables.....	19.00
Clark, W. C.....	6.00	Coffelt, I. H.....	2.25
Clark, W. T.....	5.00	Coffin, D. J.....	8.75
Clark, W. W.....	14.50	Coffin, G. H.....	589.72
Clark, Zenas.....	19.00	Coffin & Black.....	12.35
Clark, Z. T.....	12.50	Coffman, Benjamin.....	3.75
Clark, Mrs. Z. T.....	11.00	Coffman, Jack.....	25.75
Clarke, David P.....	.50	Coffman, J. S.....	24.00
Clarke, Frank.....	5.00	Coffman, John B.....	35.75
Clarke Co., R. P.....	1,417.44	Coffman, Mrs. W. S.....	3.05
Clarke Co., R. P.....	354.34	Cofield, T. H.....	20.00
Clarke, Walter R.....	20.00	Cofield, William.....	15.00
Clason Map Co.....	49.03	Coger, B.....	1.05
Chambers, Todd C.....	10.80	Cohea, William M.....	1.00
Clawson, Henry, Jr.....	1.25	Cohen, Isaac A.....	3.25
Clawson, James H.....	106.52	Cohen, Louis.....	18.50
Clawson, James H.....	32.30	Cohen, Samuel.....	59.38
Clawson, Marshal W.....	1.65	Coimer, James.....	88.64
Clawson, Roy.....	1.25	Cokeville Mercantile Co.....	1.10
Clay, H. H.....	70.00	Colberg, Edward.....	9.00
Clay, Lon.....	22.00	Colberg, Oscar.....	20.22
Claya, Trinidad.....	15.25	Colby, Albert.....	3.00
Clayton Mercantile Co.....	30.26	Colby, D. W.....	8.90
Clear Creek Publishing & Printing Co.....	2.53		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Colby, Isaac.....	\$15.00	Compte, Louis.....	\$19.25
Colby, James.....	13.50	Conant, J. A.....	9.75
Coldbrook Camp.....	310.90	Conde, J. D.....	21.25
Cole, Bert.....	2.56	Cone & Kimball Co.....	37.80
Cole, Charles.....	1.00	Confar, Eugene F.....	12.55
Cole, F. W.....	24.00	Conejos Cooperative Roller Mills & Manufacturing Co.....	13.05
Cole, H. D.....	15.00	Congdon & Son, W. H.....	28.48
Cole, Harry.....	7.00	Congers Carpet Cleaning Works.....	3.30
Cole, J. D.....	38.46	Conklin & Sons.....	19.60
Cole, Lynton.....	52.50	Conley, J. H.....	105.00
Cole, William S.....	9.00	Conlon, Joseph.....	3.00
Coleman, A. O.....	5.00	Conlon Mercantile Co.....	82.92
Coleman, C. J.....	16.00	Conn, V.....	1.75
Coleman, Frank.....	39.50	Connaway, H.....	.85
Coleman, George.....	5.00	Connelly, John.....	1.00
Coleman, H. F.....	26.50	Conner, Will.....	4.50
Coleman, Isaac.....	4.05	Connors, William.....	20.00
Coleman, J. A.....	2.17	Connor, Elgar.....	2.50
Coleman, T. H.....	45.00	Connor, Mrs. Laura.....	11.75
Coleman, W. T.....	1.50	Connor, L. H.....	73.00
Colesworthy, C. F.....	44.10	Connor, O. G.....	11.00
Colorado Hotel.....	11.50	Connick, Ernest E.....	6.00
Colle, Frank.....	4.50	Conor, James.....	8.70
College Book Store.....	1.50	Conover, A. V.....	34.75
Collett, J. B.....	4.00	Conover, T. J.....	7.75
Collier, J. M.....	2.00	Conrad, W.....	2.75
Collier, L. H.....	227.50	Conrow, C.....	8.75
Collins, G. A.....	18.00	Consalus, Fred.....	92.50
Collins, Allen.....	15.04	Conservation.....	1.25
Collins, A. J.....	18.75	Consolidated Press Clip Co.....	106.98
Collins, E. M.....	1.80	Consolidated Power & Light Co.....	3.45
Collins, Daniel.....	12.25	Consolidated Sales Co. (Inc.).....	19.80
Collins, George.....	4.75	Consolidated Wagon & Machinery Co.....	346.90
Collins, Harvey.....	30.00	Constant, Peter.....	32.12
Collins, Henry.....	20.00	Conteras, Perfeto.....	16.25
Collins, I. J.....	24.00	Conterue, Ricardo.....	4.50
Collins, H. C.....	47.00	Continental Oil Co.....	11.92
Collins, Joe.....	14.75	Contrarus, V.....	2.00
Collins, John.....	18.40	Converse Bros.....	9.56
Collins, J. V.....	14.40	Conway, Jim.....	8.00
Collins, John W.....	86.38	Conway, J. H.....	152.50
Collins & Co., A. M.....	50.00	Conway, W. S.....	42.00
Collins & Withrow.....	5.00	Cook, Claud.....	10.25
Collogan, J. R.....	18.00	Cook, E.....	1.00
Colorado Blueprint Paper Co.....	11.65	Cook, Elisha.....	19.37
Colorado Machinery & Supply Co.....	35.00	Cook, E. E.....	65.75
Colorado Packing & Provision Co.....	13.19	Cook, F. M.....	6.80
Colorado Republican.....	20.65	Cook, F. L.....	11.58
Colorado Springs Gazette Co., The.....	2.53	Cook, H.....	15.00
Colorado Telephone Co.....	19.33	Cook, Homer.....	18.75
Colorado Tent & Awning Co.....	7.45	Cook, Ike.....	5.00
Colorado Typewriter Exchange Co.....	4.25	Cook, I. W.....	50.00
Colquhoun Hardware Co. (Ltd.).....	205.65	Cook, James.....	19.01
Colton, M. C.....	6.25	Cook, John.....	11.00
Columbia Law Review.....	2.50	Cook, J. S.....	6.25
Columbia Lumber Co.....	4.44	Cook, J. W.....	19.50
Columbia Mineral Water Co.....	45.66	Cook, Phil.....	48.74
Columbia News.....	6.50	Cook, Marvin.....	7.70
Columbia Photo. Supply Co.....	721.92	Cook, Warren E.....	3.00
Columbia Ribbon & Carbon Manufac- turing Co.....	77.02	Cook, W. F.....	1.20
Columbia Smelting & Refining Works.....	.85	Cook & Co., T. W.....	8.60
Columbian, The.....	8.70	Cool, Fred.....	20.00
Colusa Lumber Co.....	1.65	Cool, G. W.....	16.00
Colvin's Furniture Store.....	7.50	Cooley, C. F.....	67.00
Cowell, A. M.....	7.50	Cooley, Daniel.....	15.00
Combs, C. E.....	8.75	Cooley, Edward.....	6.25
Combs, Clinton W.....	15.00	Cooley Co., George M.....	7.50
Commercial Hotel.....	10.69	Cooley, J. A.....	26.44
Commerford, J. D.....	18.00	Cooley, Seth S.....	2.96
Common Bros. Co.....	429.35	Coomwell, W. D.....	4.00
Compton, Abraham.....	37.50	Coon, Earl.....	4.00
Compton, Reuben A.....	35.00	Coon, E. J.....	344.50
Compton, Caviness & Co.....	8.00	Coon, Thomas L.....	129.40

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Cooney, James G.	\$208.04	Coty, George	\$29.33
Coop, James	51.38	Couch, J. W.	3.00
Cooper, Aubrey	31.50	Couch, Scott	2.40
Cooper, C. O.	7.30	Couch, S. F.	50.72
Cooper, George	88.80	Couch, T. E.	3.20
Cooper, Herman	1.00	Couchman, W. R.	27.10
Cooper, John	5.00	Coughlan, Tim	6.60
Cooper, J. W.	69.50	Coughlin, Jerry	3.30
Cooper, Mabel	1.00	Coulson Bros.	2.25
Cooper, Robert W.	78.35	Coumbs, J. H.	47.34
Cooper, William	40.14	Council Leader, The	20.73
Cooper, William E.	12.00	Courier Press	2.00
Cooper Hardware Co., C. O.	11.20	Courier Printing & Publishing Co.	6.50
Cooper, Martin & Co.	16.25	Courtade, F. D.	17.55
Cooper Mines Co.	274.82	Courtney, Charles	5.00
Coors Lumber Co.	55.50	Cone Mercantile Co.	5.00
Cope, Howard	29.15	Covert, Edward	3.00
Cope & Sons	5.00	Covey, A. E.	3.00
Copeland, Jessie	30.00	Covina Home Telephone Co.	2.50
Copeland Co., M. G.	2.50	Covington, E.	87
Copeland, William	4,719.15	Covington, W. T.	.87
Copeland Co., M. G.	5.00	Cowan, Arthur	12.00
Copen, W. A.	325.50	Cowan, Fred J.	70.00
Copley, G. A.	20.50	Cowan, Henry	2.85
Copp, Frank	37.16	Cowan, James	10.60
Copp & Co.	10.00	Cowell, J. A.	9.00
Copper City Commercial Co.	4.50	Cowing, B. M.	34.50
Copper Queen Consolidated Mining Co.	280.20	Cox, A. W.	4.26
Copple, H. E.	126.18	Cox, Ed.	10.09
Coral, John	2.50	Cox, Elie	3.25
Corain Hotel	1.50	Cox, F. M.	30.52
Corander, Gus	19.95	Cox, Henderson	9.45
Corbett, W. J.	2.45	Cox, J. A.	8.75
Corbin Copper Co.	366.53	Cox, James A.	53.40
Corey, C. H.	3.50	Cox, J. E.	6.50
Corgan, M.	79.24	Cox, Jesse	.52
Corkhill, William	1.50	Cox, L. E.	3.00
Corlander, Lester W.	3.00	Cox, R. C.	5.00
Corlett, C. C.	10.67	Cox, Robert	4.25
Corlett, George E.	21.00	Cox, Sam	1.50
Cormack, George W.	5.00	Cox, Warren	7.58
Corn, Mrs. Charles	3.00	Cox, Will	.52
Cornelison, Isom	5.00	Cox, W. A.	5.60
Cornell, E. H.	2.00	Cox, William	4.00
Cornell, T. B.	13.75	Cox, W. S. (Inc.)	51.20
Cornett, Ed.	17.60	Cox & Son, L. A.	210.68
Cornett, Richard	35.00	Coy, H. G.	680.30
Cornett Stage & Stable Co.	30.75	Coy, Sid.	21.00
Corns, Frank	89.03	Coyel, J.	4.00
Coron-Booth Hardware Co.	1.25	Coyer, John	7.35
Corona Hardware & Implement Co.	87.85	Coykendoll, Guy	4.00
Cornick, Theo.	4.90	Coyle, Albert	.60
Corrio, Alisando	17.10	Coyle, Alonzo	.60
Cortez, Jesus	3.75	Coyle, G. B.	.60
Cortez, Jose	7.50	Coyle, James	374.00
Cosgray, W. N.	4.00	Coyle, J. F.	.45
Cosgriff, O.	44.50	Coy, Gabriel	26.50
Cosgrove, E.	6.00	Cozens-Lemmon Mercantile Co.	1.70
Cosgrove, Eugene	96.97	Crabill, George C.	65.27
Costa Co., John	46.60	Crabill, E. H.	361.75
Costello, Daniel B.	16.30	Crabtree, Alfred, Jr.	11.00
Costelloe, Revis	48.92	Crabtree, James	.90
Cot, Warren N.	8.75	Crabtree, J. F.	67.50
Cotham, R. Bruce	4.35	Crabtree, Myrl	8.00
Cotham, Ernest	40.50	Crader, Leslie	47.50
Cottage Grove Leader	57.50	Craft, L. F.	6.88
Cottam, Charles S.	12.75	Craggs, Henry	12.00
Cottier, R. D.	2.00	Craig, E. D.	14.00
Cotterell, Lize	3.00	Craig, Frank	13.60
Cotton, Marion	.90	Craig, Hugh	3.60
Cotton, John	49.50	Craig, James	19.00
Cotton & Sons, James S.	11.50	Craig, S. M.	5.87
Cottingham, W. F.	290.22	Crain, Marion F.	216.00
	2.50	Crain, Willie	7.41



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Cram, H. L.	\$32.62	Crothy, Mike	\$3.00
Cram, Maggie S.	15.00	Crouch, Arthur	22.50
Cramer, C. E.	22.50	Crouch, S. B.	506.30
Cramer, O. A.	348.21	Crow, C. C.	6.40
Cramer, J. M.	5.00	Crow, George	8.50
Cramton, D. H.	15.00	Crow, Glen H.	13.00
Crandall, A. W.	16.00	Crow, Harry	17.00
Crandall Bros.	11.09	Crowley, Frank B.	65.00
Crane Co.	411.26	Crowley, C. P.	8.00
Crane, Harrison N.	65.00	Crowner, Earl	28.00
Crane, Norval	18.37	Crozier, R. B.	2.00
Crane, Russel W.	23.00	Crucible Steel Co. of America	119.41
Cranmore, T. A.	50.30	Crum, Floyd	5.75
Cranston Bros.	410.24	Crum, Frank	8.50
Crase, William H.	14.00	Crum, William	106.83
Craven, I. N.	61.50	Crum, G. W.	5.75
Crawford, A. H.	36.25	Crum, Rex	16.25
Crawford Chronicle	2.75	Crumb, Marion	49.00
Crawford, C. C.	6.25	Crumb, Robert	48.13
Crawford, Fred	4.50	Cruver & Son, J. B.	19.10
Crawford, John M.	5.00	Crystal Ice Co., The	53.50
Crawford, Marshall M.	40.00	Cricle, J. L.	31.77
Crawford, Roy	14.00	Cricle, S. W.	28.97
Crawley, G. W.	1.20	Cuebas, F. R.	6.50
Cray, J. S.	115.70	Cuff, E. E.	20.87
Crescenzo, J. A.	.50	Cuff, Ivan A.	11.00
Crede Lumber Co.	230.93	Cuff, R. H.	50.00
Creed Candle Publishing Co.	5.52	Culbertson, Albert	3.75
Crede Lumber Co.	14.56	Culver, Edward	70.00
Creighton, Harry	1.25	Culver, James	5.20
Crescent Lumber Co.	152.09	Culver & Co., J. F.	1.25
Crescent Pharmacy Co.	1.30	Cuenin, Fred S.	2.50
Crescent Printing Co.	4.60	Cuerdon, Tony	7.50
Cress, Ben L.	24.00	Cullen Hotel	10.65
Cress, John A.	300.00	Cullen, Patrick	35.08
Cressler, B. F.	15.00	Cummings, A. A.	28.30
Crete Mills Co.	40.50	Cummings, Clarence A.	150.00
Cribbs, James E.	315.80	Cummings, C. H.	16.00
Cribbs, Roy E.	70.69	Cummings, E. C.	3.25
Crider, Mack	46.00	Cummings, H. J.	16.30
Criderman, William	10.00	Cummings, James	3.60
Cripple Creek Times Co.	14.28	Cummings, John G.	4.20
Crist, E.	3.00	Cummings, Paddy	46.00
Criswell, William H.	12.45	Cummings, T. C.	3.60
Criswell & Son, W. A.	14.00	Cummin, W. J.	30.00
Crites, A.	3.00	Cunba, E. A.	3.00
Crites, Orrie E.	31.70	Cunningham, Bert	20.00
Critchfield, O. B.	60.00	Cunningham, Curtis & Welch	8.15
Crouch, Ralph	1.00	Cunningham, C. F.	56.92
Crocker, George R.	2.00	Cunningham, Charles G.	18.75
Crocker Co., H. S.	29.68	Cunningham Co., P. D.	8.15
Crocker, G. H.	6.00	Cunningham, Tom	4.25
Croftutt, N. D.	9.00	Cunningham & Co., J. H.	3.00
Crogehus, V.	2.50	Curatt, W.	1.25
Crogham, G.	12.25	Cure, H. J.	22.80
Cronemiller, D. H.	7.00	Cureton & Clark	5.00
Cronin, Dan J.	123.50	Cureton, W. J.	26.25
Cronin, Juan	35.92	Curfew, John H.	1.00
Cronin, John	50.87	Curlew Mining Co.	7.50
Cronin, Robert	103.57	Curn, Myron	19.00
Cronk, C. P.	50.00	Curran, J. J.	10.00
Crook Co., Journal	9.48	Curran, W. W.	23.00
Crook Co., Monitor	13.25	Curran, Buel	1.50
Crooker, Mrs. F.	8.00	Curran, D. T.	10.15
Crosbie, R. L.	33.75	Currington, J. D.	11.25
Crosby, A. A.	64.30	Curry, Jacob	12.60
Crosby & Co., B. B.	81.00	Curry, Roy	23.00
Crosby Omnibus Car & Transfer Co.	16.00	Curry, William	2.50
Crosby Steam Gage & Valve Co.	95.00	Curry, Willis	2.50
Crosman, Tom	13.30	Curtin Book & Stationery Co., A. P.	1.60
Cross, Ben	4.20	Curtis, B. F.	5.70
Cross, L. A.	50.00	Curtis, C. H.	11.50
Cross, E. E.	50.00	Curtis, E.	126.00
Cross, M. B.	20.00	Curtis, Homer P.	26.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Curtis, James.....	\$1.00	Davidson, George.....	\$9.75
Curtis, Jones.....	20.00	Davidson, James.....	108.50
Curtis, J. R.....	38.00	Davidson, Oliver.....	9.00
Curtis, R. C.....	3.00	Davidson, Robert H.....	52.00
Curtis, Sherman.....	6.87	Davidson, W. A.....	72.00
Curtiss, T. B.....	37.50	Davies, H. L.....	16.00
Cushing, D. J.....	7.00	Davies, Horace R.....	90.00
Cushing, F. E.....	24.00	Davies, R. E.....	28.17
Cusumung, I. D.....	20.50	Davis, Alonzo E.....	6.50
Custer Chronicle.....	2.00	Davis, A. M.....	15.00
Custer Commercial Co.....	40.00	Davis Bridgman Drug Co.....	904.33
Cuthbert & Co., G. F.....	34.07	Davis, Charles.....	10.60
Cypert, M. J.....	14.70	Davis, D. E.....	2.05
Cypert, T.....	10.50	Davis, D. J.....	1.00
Cyr, F. P.....	3.00	Davis, Earl.....	66.22
Cyrus, W. D.....	23.43	Davis, Emroy.....	10.00
Czey, Andrew.....	4.00	Davis, Frank.....	40.35
Dagg, Wm. H.....	54.65	Davis, F. M.....	6.00
Dahlem, J. P.....	11.00	Davis, F. W.....	9.00
Dahlke, C. W.....	28.50	Davis, G. G.....	7.40
Dailley Miner, The.....	9.00	Davis, G. H.....	1.80
Dailly, Harry.....	7.00	Davis, George W.....	6.80
Daily Republic.....	2.20	Davis, Henry.....	7.00
Daily, W. G.....	25.00	Davis, H. L.....	22.75
Daigle, L. J.....	16.50	Davis, H. T.....	5.80
Daley, Chas.....	9.37	Davis, John E.....	25.70
Daley, Jack.....	6.00	Davis, J. H.....	9.00
D'Allemand, B. R. H.....	39.97	Davis-Kaser Co., The.....	11.70
Dalton Adding Machine Co.....	264.60	Davis-Kethley.....	558.75
Dalton & Clifford.....	7.75	Davis, K. T.....	13.75
Dalton, H. D.....	9.00	Davis, Leonard.....	18.00
Dalton, Theodore.....	15.28	Davis, L. J., Mrs.....	26.50
Daly, Edmore.....	3.00	Davis, M.....	36.00
Daly, J. W.....	9.84	Davis, Ralph.....	60.63
Damburant, Fred H.....	4.00	Davis, R. L.....	8.00
Damgaard, Christ.....	4.75	Davis, R. Z.....	20.30
Dammam, Fred.....	53.25	Davis, Sam.....	133.50
Da Motta, Maud M.....	45.00	Davis, T. A.....	4.00
Damus, Walter.....	228.35	Davis, Thos.....	7.00
Dance, Nick.....	34.00	Davis, W.....	1.80
Dangberg, C. F. W.....	62.74	Davis, William A.....	11.60
Dain, Anthony.....	3.00	Davis, W. A.....	231.18
Dani, Alwin.....	5.00	Davis, Walter.....	5.00
Daniels, Arthur.....	18.25	Davis, Walter L.....	5.70
Daniel, George.....	9.75	Davis, W. G.....	1.00
Daniels, A. A.....	8.00	Davis, W. L.....	89.00
Daniels, Homer.....	59.50	Davis, William.....	18.00
Daniels & Fisher Stores Co.....	1.25	Davis, William L.....	5.00
Danielson, Everett.....	3.00	Davis, Z. O.....	7.75
Daniger Hardware Co.....	49.45	Davy, Don L.....	9.00
Danlhy & Hadden.....	15.50	Dawson Bros.....	27.50
Danner Co., J. C.....	96.30	Dawson, D. J.....	3.00
Danz, Henry.....	11.88	Dawson Lumber Co.....	2.50
Danz, Julius.....	8.00	Dawson, N. B.....	12.50
Danz, M.....	9.38	Dawson, R. W.....	1.62
Danz, William.....	6.00	Dawson, Trent.....	10.00
Darby, B. F.....	66.39	Dawson, W. W.....	101.07
Darby, W. L.....	88.05	Day, George.....	6.00
Darcy, Thomas.....	34.80	Day, H. R.....	2.20
Darlington, D. J.....	3.40	Day, S. R.....	1.25
Darling, William R.....	40.39	Dayla, John.....	3.75
Darlington, J. A.....	25.00	Dayton, Donica.....	96.50
Darough, James.....	17.50	Dayton Evaporating & Packing Co.....	17.78
Darraugh, G. H.....	23.40	Dayton Merc. Co.....	6.75
Dalgleish, R.....	7.50	Day & Ray.....	10.00
Darrington Store, The.....	3.05	Dean & Brown Merc. Co.....	319.53
Dart, John.....	45.50	Dean Mercantile Co.....	9.00
Dart Hardware & Implement Co.....	49.45	Dean Lumber Co., Johnson.....	13.20
Dastrup, John A.....	12.22	Dearden, J. H.....	41.00
Daugherty, G. A.....	12.70	Dearden, Thomas.....	15.00
Daugherty, Giles H.....	37.50	Deason, Lester.....	1.20
Davenport, P. C., Dr.....	15.00	Deason, Roy.....	1.35
Davey, H. M.....	42.50	Debenham, Edgar.....	128.80
David, Y. Z.....	82.75	Decker, Miles H.....	39.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Decker, R. J.	\$62.50	Denny & Wife, J. A.	\$20.63
Decker, Wallace.	15.00	Denton, G. M.	24.00
Deffenbaugh, E. B.	18.00	Denton, M. A., Mrs.	29.33
Delicate, Thos.	8.00	Denver Gas & Electric Co.	8.50
Delich, Nick.	1.25	Denver & Rio Grande R. R. Co.	107.40
Delisle, Joe.	10.50	Denver Tent & Awning Co., The.	87.50
Delp, Herman C.	3.25	Depwe, Charles.	2.50
Delp, M. J.	4.18	Depwe, J. M., Mrs.	19.12
Delta County Tribune.	8.30	Derig, V. F., Mrs.	22.00
Delta Independent.	2.71	Derriek, W. J.	10.20
Delta Livery & Transfer Co.	9.00	De Staffang, Jas. B.	16.00
Dennis & Rule.	3.85	Deseret News Publishing Co.	21.72
Denver Dry Goods Co.	15.10	Deseret Semi-Weekly News.	6.48
Denver Electrical Co.	61.84	Deshazo, James A.	3.00
Denver Fire Clay Co.	38.90	Deshazo, Marvin.	74.63
Denver Gas & Electric Co.	36.64	Deshazo, W. A.	5.00
Denver Photo Mat. Co.	10.13	Dessinger, Phil.	19.25
Denver Reservoir & Irrigation Co.	15.99	Detro, G. W.	30.50
Denver Tent & Awning Co.	209.66	De Vall, Thos.	4.50
Denver Transit & Warehouse Co.	16.70	Devalle, Ray.	10.87
Denver Union Water Co.	24.79	Devereaux, M. F.	91.50
Deraulson, Roy.	3.00	Devin, George W.	20.00
Derby, John.	3.00	De Voe, Harry.	25.00
De Right Co., J. J.	1.50	De Voe, H. J.	38.68
Develine Foundry.	3.00	Dewell, Ray D.	32.10
Derald, Henry P.	45.00	Dewell, Scott.	364.00
Dexter, C. H.	6.00	De vey, George A.	1.72
Deboard, Dilbert D.	4.50	De Witt, W. A.	26.00
Deboard, Thomas R.	4.50	De Witt, Chas.	13.00
Debord, J. G.	27.00	De Wolf, Charles C.	157.15
De Caigny, Camiel.	47.88	Dexter, M.	5.00
De Caigny.	2.35	Deyo, Joe.	36.00
De Camp, J. C.	5.00	Dial, Geo. A.	11.25
Decker, B. C.	6.30	Dial, W. P.	5.61
Decker, O. P.	100.17	Diamond Match Co.	266.49
Decker, Wm.	144.71	Diamond Valley Stone Co.	18.92
Decker Electric Supply Co., C. R.	9.54	Dias, A. J.	60.50
Decker, Isaac W.	26.75	Diaz, R. R.	18.00
Deetcher, E. B.	12.00	Diaz, William.	8.50
Defender Photo Supply Co.	646.35	Dibble, H. D.	3.60
Deford, William.	2.50	Dibble, Leonard.	22.50
De Groat, Peter.	20.45	Dick Co., A. B.	3.31
Dehl, Marion.	4.25	Dickey, Ivan.	4.30
De Laney Co., A. J.	33.74	Dickerson, W. R.	1.05
Delate, Willis.	65.00	Dickinson, G. O.	1.25
Delbridge, Claud B.	28.00	Dickinson, Lester.	2.25
Deleplain, Ed.	2.10	Dicks, S. P.	5.00
Delgadío, Thomas.	9.25	Dickson, Chas. E.	1.20
Delgado & Baca.	5.25	Dickson, D. S.	3.00
Dell, Jessie.	2.40	Dickson, E. A.	1.00
Dell, Walter V.	20.30	Dickson, M.	30.00
Delnuge, Sheldon.	10.00	Dictaphone Co. of America.	35.00
Delmne, A.	15.00	Diefenderfer & Dinwiddie.	142.55
Deloney, Charles.	14.50	Diehl, A. W.	6.00
Demaray, C. H.	7.55	Diehl, F. W.	6.00
Deming Headlight.	4.50	Diehl, R. W.	6.00
Democrat Printing Co.	38.85	Diel, Fred.	2.40
De Mott, Edward W.	1.62	Diel, Roscoe.	2.40
De Mouth's Ark.	8.40	Diepold, P. J.	85.45
Dempsey, John R.	4.00	Dietrick, Geo. A.	3.50
Dempsey, L. D.	1.50	Dietzel, George.	4.00
Dempsey & Vickrey.	2.75	Dietzgen Co., Eugene.	636.93
De Nancrede, H. W.	100.00	Diggs, H. T.	22.00
Denehy, D. S.	5.65	Dils, John.	10.00
Dengler, H. M.	12.50	Dillard, Buck.	3.60
Dennis, Charles S.	29.75	Dillard, Ro'ert.	12.00
Dennis, James.	47.50	Dilley, Henry.	7.50
Dennison, C. L.	4.50	Dilley, Sheldon E.	6.00
Dennison Manufacturing Co.	3.00	Dilley, Walter.	35.00
Denny, J. A.	35.96	Dillman, S. P.	47.50
Denny, J. H.	15.00	Dillon, E. A.	30.00
Denny, John.	2.10	Dillon Implement Co.	68.30
Denny, Tom.	2.10	Dillon, P.	7.80
Denny & Pratt.	2.75	Dillon, S. R.	34.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Dillon, Wm.	\$29.00	Dorris, W. J. & P. S.	\$20.79
Dimick, F. L.	5.50	Dorsch, H. G.	174.13
Dinan, Edward	100.00	Dorsey, Charles	13.25
Dingler, Fred J.	6.75	Doshajon, John	4.20
Dingley, Stanley	9.30	Dossen, E.	25.75
Dinkel, C. B.	2.30	Dostal, J. F.	1.10
Dinkel Mercantile Co., W. M.	7.68	Dotson, L. E.	2.50
Dinsmore, A. C.	5.00	Doubleday, E. H.	180.46
Dinwiddie, J. F.	4.25	Dougan, Nelson	3.30
Dirks, Paul	1.85	Dougherty, Don	.75
Dispatch Printing Co.	6.48	Dougherty, Joseph	20.20
Dix, Henry	15.00	Douglas, A.	8.75
Dixon, C. T.	9.75	Douglas Daily Dispatch	2.60
Dixon Crucible Co., Joseph	1.15	Douglas Drug Co.	6.82
Dixon, Peter A.	15.00	Douglas, Ernest	48.00
Dixon, Samuel	6.82	Douglas Improvement Co.	6.29
Dickson, E. M.	236.25	Douglas Lumber Co.	32.15
Dixson, B. W.	10.00	Douglas, L. H.	12.85
Dishman, Earl R.	65.00	Douglas & McKinnon	194.20
Dittman, Gebruder	5.00	Douglas Sons, R.	14.75
Dixon, J. M.	2.25	Douglas, S. A.	25.00
Dueerl, Perry	.50	Douglas County Abstract Co., The	25.00
Dobbins, Byram	2.00	Douglass, M.	6.80
Dobbins, John	5.00	Douglass, W. E., Mrs.	37.00
Dodd, C. W.	2.25	Douthitt, A. R.	25.00
Dodd, D. D.	3.75	Douthitt & Craig	4.00
Dodds, E. C.	1.00	Douthitt, Sam.	8.00
Dodds, Fulton	6.00	Dow, E. E.	64.15
Dodge, James	462.00	Dow & Brackney	13.50
Dodge, John	15.84	Dow, George W.	15.10
Dodge, M. E.	2.50	Dow, Wm D.	9.50
Dodge, W. K.	19.50	Dowdy, Elmer	1.20
Doe, Roy	21.00	Dowell, Alep.	26.25
Doggett, Merle	2.20	Dowling, J. J.	19.79
Dohne, Gus	2.00	Dowling, Patrick S.	3.00
Dolan, J. T.	1.00	Dowling, S. W.	6.50
Dolfen, John	53.20	Down, John	9.00
Dolley, Ed.	18.00	Downey, D. E.	.83
Dollina, George W.	6.60	Downey, J. E.	1.57
Dolores Lumber & Supply Co., The	29.65	Downing, J. I.	17.80
Dolson, J. D.	1.75	Downing, L. A.	2.95
Domino, Raymond	17.00	Downing, R. C.	1.50
Dominguez, Hipolito	8.10	Downing, William	15.00
Dominguez, Isodoro	9.75	Downing, W. N.	34.55
Dominguez, Deonleio	5.10	Doyle, Fred	1.75
Dominguez, Vicente	.50	Doyle, James J.	10.63
Donaher, Thos.	40.95	Doyle, J. M.	51.70
Donahoe, J. A.	5.50	Doyle, John	6.00
Donahoe, Cassius	65.63	Doyle, R.	6.50
Donahoe, Emmons & Co.	33.00	Doyle, William F.	46.00
Donahue, E. F.	1.55	Doyon & Rayne Lumber Co.	65.35
Do	4.75	Drake, jr., F. A.	18.00
Donahue, Harry	24.47	Drake, Harley L.	1.62
Donaldson Co., The	19.50	Drake, Howard	10.50
Donaldson, J. H.	56.00	Drakenburg, Albir	7.50
Doney, H. L.	38.50	Drakins, H. T.	6.20
Doney, Herbert	3.00	Drakos, George	9.00
Doney, R. W.	17.00	Drennan, James A.	5.25
Doney, S. L.	15.50	Drennen, Wm	26.00
Dongan, Sam	42.00	Dresen & Rhodes	61.06
Dongdale, Reuben	12.25	Drew, Chas.	3.25
Dolon Bros	39.75	Drew, S. A.	16.50
Donnell, H.	7.50	Driggs, Sarah Mrs.	16.25
Donnelly, Edgar W.	27.50	Driver, F. M.	40.00
Donohue Co., D. J.	21.87	Droney, E. J.	175.50
Donovan, Andrew W.	32.00	Drorbaugh, L. L.	13.75
Doonan, W. F.	2.80	Drown, C. C.	26.25
Dorer, L. R.	9.60	Drown, W. E.	3.25
Dorgan, Pierce	25.00	Drumbeller Co	29.00
Doring, Roy	1.00	Drummond, J. W.	22.50
Dorins, Ray E.	30.00	Du Bois, C. A.	11.50
Dorins, Wilford	2.50	Du Bois, Willsey	104.00
Dorman, John W.	8.00	Duckworth, John	8.25
Dorr, L. H.	20.00	Duckworth, Leonard	3.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Dudding, Wm. D. ....	\$66.66	Dwight & Co., R. ....	\$45.65
Dudfield Lumber Co. ....	4.26	Dwyer, J. J. ....	10.00
Dudley, F. D. ....	136.44	Dye, Thomas C. ....	84.00
Dudly, W. D. ....	1.25	Dyer, S. H. ....	10.00
Dueber, W. E. ....	31.25	Dyer, Z. P. ....	3.00
Duencing, F. ....	3.75	Dygert, J. A. ....	11.25
Duencing, J. ....	3.75	Dyke, Wm. ....	22.70
Duffield, John. ....	53.78	Dymoke, Winifred. ....	20.00
Duffy Bros. ....	62.00	Eagle County Blade. ....	50.14
Dufryn, Harry. ....	8.00	Eagle Feed, Fuel & Supply Co. ....	14.22
Dugan, J. ....	2.00	Eagle Valley Enterprise. ....	2.53
Dugan, John R. ....	45.14	Eaken, W. J. ....	7.50
Dugdale, Harry. ....	.90	Eamon, Jophile A. ....	55.00
Duke, Moyke. ....	4.50	Earl, Jesse. ....	3.50
Duke, M. M. ....	45.00	Earl, John. ....	.52
Dukes, Peter. ....	9.75	Earl Trans. Co. ....	3.75
Duley, G. W. ....	2.00	Earle & Co. ....	26.97
Dulon, Sara. ....	2.50	Early & Hodges. ....	2.45
Dulin & Martin Co. ....	26.78	Early, J. G. ....	10.00
Duncom, A. D. ....	6.50	Early, J. H. ....	9.25
Duncan, Ed. ....	154.80	Early, L. B. ....	25.74
Duncan, E. E. ....	33.87	Earnest, George. ....	17.10
Duncan, George P. ....	41.00	Earnest, James. ....	2.00
Duncan, J. ....	17.00	Earnest, Payton. ....	2.00
Duncan, Robert A. ....	13.00	Earnest, Samuel. ....	2.00
Duncan, R. C. ....	48.95	Eastin, Chas. ....	75.00
Duncan, R. O. ....	12.00	Eastman, Henry. ....	2.74
Duncan, R. S. ....	1.65	Eastman & Lepahe. ....	4.00
Duncan, Wm. C. ....	5.00	Eastman-Teller Hardware Co. ....	127.69
Duncan, W. P. ....	6.00	Eastman & Co., W. G. ....	31.50
Dunford, jr., Chas. F. ....	9.50	Easton, Wm. ....	130.00
Dunham, W. H. ....	18.06	East Oregonian. ....	2.60
Dunn, A. W. ....	159.90	East Oregon Mercantile. ....	6.75
Dunn, Chas. T. ....	9.97	Eastern Oregon Cash Grocery Co. ....	25.20
Dunn, E. W. ....	59.50	Eastwood & Heap. ....	3.00
Dunn, Grover A. ....	12.30	Eastwood Wire Manufacturing Co. ....	30.77
Dunn Hardware Co. ....	3.65	Eaton, R. H. ....	6.00
Dunn, Ira. ....	2.65	Eaton, W. H. ....	22.00
Dunn, James. ....	8.00	Eastman Kodak Co. ....	640.69
Dunn Miller Hardware Co. ....	4.35	Easthampton Rubber Thread Co. ....	48.67
Dunne, Virginia, Miss. ....	30.00	Do. ....	47.64
Dunning, A. W. ....	18.75	Ebe, Daniel. ....	275.00
Dunnigan, Dan. ....	16.00	Eberhart, Joe. ....	4.25
Dunnigan, James. ....	112.00	Eberl, J. W. ....	3.00
Dunphy, John. ....	15.00	Ebert, Nila. ....	2.50
Dunstan, James H. ....	14.00	Eberley, W. K. ....	14.15
Dunstan, W. J. ....	45.00	Eccles Lumber Co. ....	850.79
Dupeire, Ida B. ....	26.07	Eccles Paint & Glass Co., The. ....	4.00
Du Perow, M. ....	10.49	Echo Publishing Co. ....	6.60
Dupree, John. ....	356.25	Ecls, H. J. ....	2.50
Duquesne Mining & Reduction Co. ....	23.94	Eckerman, E. F. ....	18.80
Duquesne Trading Co. ....	38.00	Eckis, D. O. ....	10.20
Duran, Esteban. ....	35.75	Eckman, Fred P. ....	14.00
Duran, Jose D. ....	45.01	Economist, The. ....	20.37
Duran, Marcos J. ....	7.00	Economy Drawing Table Co. ....	13.00
Duran, Roman. ....	7.50	Economy Market. ....	3.68
Durango Planing Mill & Lumber Co. ....	44.33	Eckman, Arthur. ....	1.50
Durango Weekly Democrat. ....	2.53	Eddy, A. J. ....	34.00
Durant, Magnus J. ....	19.00	Eddy & Co. ....	1.00
Durbin, Bertha M. ....	22.25	Eddy, E. W. ....	29.15
Durbin, Martin S. ....	3.00	Eddy, Janie. ....	5.00
Durgan, James. ....	71.75	Eddy, John D. ....	1.55
Durgan, Thomas. ....	12.50	Eddy, Wm. ....	50.00
Durham, S. J. T. ....	6.30	Edelmann, F. G. ....	7.20
Durke, Jack. ....	4.50	Edens, Joe. ....	27.50
Durkheimer, M. ....	54.65	Edge, B. P. ....	155.30
Dusek, B. ....	2.50	Edge, John A. ....	39.75
Dusthimer, C. A. ....	7.50	Edge, J. P. ....	22.85
Dustin, B. O., Mrs. ....	16.85	Edgerton, B. D. ....	2.00
Dustin, Bailey O. ....	19.75	Edgerton, J. G. ....	75.00
Duthwaite, Vernon. ....	20.00	Edgerton, L. L. ....	53.25
Duzett, E. H. ....	60.50	Edgerton, Lorin. ....	10.50
Dwartz, Pedro. ....	2.50	Edine, Pete. ....	8.40
Dwight, Reuben. ....	48.90	Edmondson, W. O. ....	10.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Edmondson, O. F.	\$1.05	Elliott, D. J.	\$16.20
Edmunson, M. G.	17.50	Elliott, G. W.	4.45
Edward Hart Co.	5.10	Elliott, Harry M.	111.85
Edwards, A. H.	59.25	Elliott, Henry	10.00
Edwards, A. P.	7.50	Elliott, John	11.30
Edwards, Calvin	1.05	Elliott, John G.	73.80
Edwards, E. E.	78.57	Elliott, Todd B.	10.75
Edwards, E. H.	1.25	Ellis, A. L., Mrs.	112.50
Edwards, Eli	.75	Ellis, A. T.	1.75
Edwards, Henry H.	12.00	Ellis, Brandley & Co.	40.00
Edwards, Joe	9.00	Ellis Bros.	27.58
Edwards, L. C.	6.00	Ellis, Cad.	9.48
Edwards Livery Co.	15.00	Ellis, E.	6.50
Edwards, M. G.	15.00	Ellis, E. D.	80.60
Edwards, Martin	15.00	Ellis, Irene I.	25.41
Edwards, Newton	1.05	Ellis, Irene	75.00
Edwards Supply Co.	3.00	Ellis, John	25.50
Edwards, V. T.	.50	Ellis, J. M.	540.90
Edwards, Walter	1.00	Ellis, John	64.35
Edwards, William	5.00	Ellis-Forde Co., The	82.48
Efferson, Floyd	.60	Elis, William	8.25
Efferson, Joseph	.60	Elis, Wm.	145.00
Egan, John	42.88	Ellis, S.	46.50
Egan, M. J.	2.00	Ellison & Burrell	3.75
Eggan, A. J.	15.50	Ellison, Henry	3.75
Egger, Milton	10.06	Ellison, P. G.	145.00
Egger, Roland	8.80	Elliston, J. N.	36.00
Egger, S. J.	5.99	Ells, J. R.	2.00
Eggers, Bert	1.87	Ellsworth, E. C.	19.50
Egholm, L.	7.25	Ellsworth, Ray	3.60
Eichhorn, J. C.	6.00	Elko Lumber Co.	22.99
Eichwald, A.	36.33	Elmer, K., Mrs.	1.00
Ellinghoff, Casper	21.75	Elmore County Republican	3.00
Elmer & Amend	51.83	El Nuevo Mexicano	3.90
Eimers-Wood Co.	36.80	Ely Lumber & Coal Co.	12.77
Ekalapa Eagle	2.50	Ely Miner, The	7.75
Eklöf, Charles	6.75	Ely Record, The	3.60
Eklöf, E. A.	5.50	Ely Repair & Shoeing Shop	3.00
Ekstrom, Elof	4.00	Ely Wagon & Carriage Shop	11.50
Ekwortzel, Leonard	18.95	Emblem, O. S.	3.50
Elam, George	12.00	Emerson, A. E.	5.00
Elana, Cemon	1.50	Emerson, C. E.	27.00
Elder, C. C.	13.00	Emerson, E. E.	7.25
Elder, Geo. W.	121.39	Emerson, Guss.	15.00
Elder, Jason S.	29.40	Emerson, Lee	71.50
Elder & Co., Paul	8.90	Emery County Progress	3.00
Eldred, A. J.	13.50	Emery, J. B.	3.60
Eldred, Al.	16.25	Emery, Will	2.30
Eldred, Alton S.	21.00	Emmett Fruit Growers Association	17.40
Eldred, G. A.	20.86	Emmett Index	9.75
Electric Feed Mills	14.62	Emmett Mercantile Co. (Ltd.)	3.10
Electrical Supply & Fixture Co.	246.65	Emporium	20.93
Electric & Telephone Manufacturing Co., The B. R.	5.75	Emswiler, Samuel J.	396.25
Electrical Supply Co.	10.80	Endicott, Bert	10.35
Electric Supply House	4.05	Endicott, Chas.	1.00
Elecessor, Ed	12.00	Endicott, Chas., Mrs.	1.00
Elephant Livery Stable	39.85	Endicott, De Loss	108.74
Elevator Mill Co.	13.50	Endicott, Orvis	27.90
Eliot, Jim	2.55	Endicott, Ray	13.80
Elgin, Nelson & Co. (Inc.)	2.65	Endner Lumber Co.	5.15
Elison, C. G.	24.30	Engelberger, Nicholas	71.50
Elite Toilet Service Co.	12.00	Engels, L. R.	24.00
Elison, Clyde	6.00	Engelen, Frank	3.00
Elison, Sam	5.50	Engelke, Fred	3.50
Elkins Co., C. W.	71.55	Engelmann, Chas.	.67
Ellensburg Capital	3.00	Engelmann, G.	1.80
Eller, E. J.	94.00	Engel Manufacturing Co.	12.00
Ellery, Elias	14.00	Engels, H. L.	10.50
Elling & Co., Henry	274.52	Engineering News Publishing Co., The	35.00
Ellinghouse, Fred	230.00	Engineering Record, The	3.00
Elliott, A. F.	1.00	England, Mary J., Mrs.	3.00
Elliott Co., The	478.55	England, Isaac	30.00
Elliott, C. E.	68.25	Engle Bros.	3.55



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Englehart, W. M.	\$38.40	Evans, D. W.	\$29.15
Engler Co.	18.75	Evans, Ed.	18.00
Engler, Jake	3.00	Evans, E. S.	4.00
Engler, Henry	3.00	Evans, Henry	73.31
English, Clifton	2.00	Evans, James	25.00
English, Ned	8.72	Evans, Jasper	11.00
Englund, Charles A.	25.63	Evans, Je-Mev	82.00
Engstrom, Chas.	2.50	Evans, Leslie H.	4.75
Ennis, Dan	2.25	Evans, M. J.	20.00
Ennis, Ed.	1.60	Evans, Roy	1.00
Ennis, Wesley	2.00	Evans, R. W.	1.25
Ensign, Emelyn S.	2.45	Evans & Co., T. B.	18.50
Enterprise, The	2.95	Evans & Co., T. J.	69.43
Enterprise Grocery Co.	7.50	Evans, W. E.	24.00
Enterprise Mercantile & Milling Co.	42.53	Evans, W. O.	26.50
Enterprise Publishing Co.	7.93	Evans, W. W.	.60
Enyeart, Ray	5.00	Evanson, George	7.75
Ephraim Enterprise	18.55	Evening Capital News	15.60
Eplin, Neil	31.40	Evening Free Press	2.10
Eplin, Walter	6.60	Everard, Geo.	34.00
Epperson, Claud	6.00	Everett, A. E.	36.00
Epperson, E. J.	3.00	Everett, Benjamin	7.35
Epperson, Floyd	1.95	Everest, Geo. A.	14.50
Epperson, Joe	1.95	Everest, Harry	2.80
Epperson, Walker	1.95	Everett, B. C.	33.70
Epperson, William	9.00	Everett, Bert	6.13
Eppler, Jesse	.62	Everett, C. M.	69.95
Erb Bros. (Ltd.)	153.25	Everett, Kyle & Epperly	12.24
Ergood & Co.	19.50	Everett Weekly Herald, The	22.14
Erickson, A.	12.00	Evergreen Nursery Co.	.50
Erickson, Carl	8.90	Everhardy, Jos.	5.50
Erickson, Fred	267.50	Everist, Bessie	15.00
Erickson & Co., J. A.	60.00	Eversoll, M. H.	124.50
Erickson, M.	18.00	Everson, Henry	2.50
Erickson, Nels	23.50	Everson, Selmer	8.50
Erickson, William	7.50	Everton & Sons	3.85
Erickson, Willie, and Charlesworth, Wesley	86.40	Ewald, A.	10.00
Erickson, David	41.25	Ewing, J. E.	18.00
Erie Pump & Engine Works	40.00	Ewing, John	98.00
Errera, F.	2.25	Ewing, R. J.	902.50
Errera, H.	2.00	Ewing, W. A.	28.50
Escalante, Coop.	12.11	Excelsior Water & Mining Co.	17.50
Escalante, F. M.	7.25	Exchange Restaurant	14.00
Escondido Rochdale Co.	11.80	Express, The	6.50
Eskeewainsay (T-13)	12.00	Ezell, S. T.	7.34
Eskeenesay (T-14)	12.00	Faber, Albert	4.00
Eskew, W. D.	53.55	Faber, Eberhard	50.00
Eskrage, Loney	1.00	Fahrenbach, J. H.	25.00
Espanola Mercantile Co.	35.25	Fahrenwald, Frank	6.00
Espey, John B.	68.11	Fahriz, Louis	4.50
Espinosa, Santos	13.50	Fail, Wm.	10.00
Esquibel, Ismael	6.50	Fail, Wm. F.	11.00
Esquibel, Manricio	.50	Fair, The	2.20
Esquibel, Sastines	16.00	Fairbanks Co.	39.97
Essex, J. M.	6.00	Fairbanks, Morse & Co.	1,132.61
Estabrook, Fred	5.10	Fairchild, Chas. C.	.60
Estacada Mercantile Co.	16.26	Fairchild, S. W.	12.50
Estate of Geo. L. Shoup (Ltd.)	20.00	Fairfax, Jackson A., Mrs.	10.50
Estes, D. K.	4.00	Fairholm & Heap	5.50
Estes, W. E.	7.01	Fairservice & Co., A.	2.25
Estoria, C. E.	88.50	Falconbery, R. L.	7.50
Estrada, Ramon	5.00	Faler, V. E.	3.81
Esworthy, W. H.	4.52	Falk, J. F., Mrs.	38.60
Ethridge, D. M.	40.00	Falk Mercantile Co.	48.78
Etzler, D. W.	3.00	Falkenberg, C. W.	43.13
Etzler, H. P.	10.00	Faubus, Dave	1.20
Eubanks, W. M.	75.00	Fanning, Fred	160.00
Eucalyptus Timber Corporation	360.40	Fanning, Rex	35.00
Eugene Gum Co.	6.50	Farber, George	27.90
Eureka Mechanics Hand Soap Co.	8.00	Faris, J. E.	1.75
Evans, A. Jay	9.60	Farleigh, Jno. H.	73.50
Evans, Arthur	1.00	Farley, Joel H.	15.00
		Farley, Peter	14.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Farlow, Lee.....	\$8.25	Ferguson, R. F.....	\$50.00
Farlow, F. L.....	8.25	Ferguson, R. T.....	50.00
Farm Commercial Co.....	75.32	Ferguson, T. E.....	25.00
Farmer, Frances.....	147.50	Ferguson, W.....	2.00
Farmer & Miner.....	17.60	Ferguson, Wm.....	7.20
Farmers Implement Co.....	30.20	Fernandez, Frank.....	6.00
Faist, Andrew.....	34.93	Fernandez, John.....	6.00
Farmers Protective Association (Inc.), The.....	159.75	Fernando Improvement Co.....	20.13
Farmer, W. E.....	3.00	Feron, Thomas E.....	13.50
Farner, John.....	6.25	Ferretti, Joe A.....	7.70
Farnsworth, B. S.....	15.00	Ferrin, E. B.....	40.00
Farr & Co., T.....	6.00	Ferro Machine & Foundry Co.....	22.15
Farrand, Mrs. D.....	95.00	Ferry, James.....	9.00
Farrell, Joe.....	40.25	Ferry, Jean.....	8.25
Farrington, Geo.....	5.00	Fessender, Frank.....	8.51
Farris, Joe.....	1.65	Fewkes, W. C.....	159.24
Farris, D. M.....	132.58	Fick, C. H.....	26.50
Farriss, R. C.....	300.00	Fick, Henry.....	1.50
Farrow, Earl.....	40.00	Fick, Westly.....	7.00
Farrow, R. V.....	40.00	Fickes, Clyde P.....	41.67
Farthing, Roy.....	35.00	Fidelity Lumber Co.....	243.00
Fashion Livery Stable.....	10.00	Fidler, R. T.....	2.25
Fashion Stables.....	6.50	Fidler, W. C.....	9.20
Fassett, L. L.....	30.85	Field and Farm.....	6.00
Fatheree, John.....	9.00	Fielder, Herbert A.....	47.50
Faubian, Frank.....	12.00	Fielder, R. W.....	7.50
Faubian, Joe.....	12.00	Fielding, J. O.....	50.00
Faught, C. M.....	8.40	Fields, Arthur.....	20.00
Faught, L. B.....	4.50	Fields, Edgar G.....	38.70
Faulconer, Oscar.....	5.00	Fields, Grover.....	82.50
Faulk, John.....	4.25	Fields, W. H.....	1.50
Faulkner, Chas. M.....	30.00	Figuerou, F.....	2.50
Faulkner, Wm. C.....	23.00	Filcher, John.....	3.75
Faust, J. D.....	13.13	Files, Charley.....	2.25
Farela, Martimiano.....	5.00	Files, Clayton.....	1.50
Fareln, Eluterio.....	5.00	Files, Frank.....	1.50
Fawcett, Harry.....	3.60	Finch, A. S. J.....	1.73
Pay & Egan Co., J. A.....	57.50	Finch, Dave.....	4.28
Fea, J. S.....	43.75	Finch, Frank.....	5.25
Fear, J. W.....	31.71	Finch, L. J.....	34.00
Feary, Chas.....	5.00	Finch, Sidney.....	1.20
Feax, J. H.....	6.25	Finding Hardware Co., C. A.....	92.75
Fechser, John F.....	11.12	Findlay, Alexander.....	33.00
Fee, E. W.....	55.49	Findlay, John R.....	32.50
Feehan-Simmons Co.....	199.49	Findley, Fred W.....	47.50
Feeler, A. E.....	2.00	Findley, W. R.....	16.00
Feetham, G.....	46.00	Fine, Ed.....	2.75
Feetham & McNeil.....	31.10	Fine, E. Ray.....	26.25
Felamotis, Gervis.....	9.00	Fine, Lee.....	2.75
Fellows, R.....	7.00	Fink, Wm., jr.....	4.00
Felt, John.....	60.00	Finley, James.....	12.00
Felt, Manuel.....	4.25	Finley, Oliver S.....	21.00
Felt, Peter.....	7.50	Finley, Orville D.....	9.00
Farquar, Geo.....	1.00	Finley, R. H.....	3.00
Felt & Torrant Manufacturing Co.....	40.35	Finn Hotel.....	3.00
Felch, Fred.....	5.40	Finn, Thomas.....	16.90
Felton, J.....	6.00	Finnamore, J.....	41.00
Fender, E. L.....	10.00	Finney, Robert N.....	9.00
Fenn, George.....	43.83	Finnicum, J. F.....	7.50
Fenn, Lloyd A.....	27.50	Finnup & Co., F.....	49.81
Fenner, Ralph L.....	9.50	Finola Manufacturing Co.....	1.31
Fenske, A. J.....	145.03	Firgius, Otto.....	1.00
Fenton, Charles H.....	18.00	First National Bank of Odgen.....	15.50
Feret & Fils.....	11.35	Firth, Tom.....	27.08
Fernandez, John J.....	8.00	Firwood Lumber Co.....	5.48
Fergus County Argus.....	13.44	Fischer, Karl A.....	18.00
Ferguson, J. W.....	12.25	Fischer Lumber Co., Chas. A.....	37.16
Ferguson, B. F.....	2.00	Fiscus, W. L.....	36.20
Ferguson, Frank.....	12.20	Fish, Ed.....	10.20
Ferguson, Fred.....	7.20	Fish, James.....	11.75
Ferguson, George L.....	12.00	Fish, John.....	13.75
Ferguson, Howard.....	61.11	Fish, Harvey.....	10.20
Ferguson, Mrs. John A.....	7.20	Fish, Hugh.....	54.15
Ferguson, Mary.....	29.20	Fish & Hunter Co.....	66.25
		Fish, J. L.....	22.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Fish, Karl.....	\$13.75	Folden, A.....	\$80.25
Fish, M. L.....	7.50	Foley, T. O.....	72.00
Fishbeck, C. W.....	7.80	Folks, I. W.....	7.60
Fishel & Co.....	3.50	Folsom, Ira J.....	7.50
Fisher, Chas. A.....	100.00	Follmer, H. R.....	22.51
Fisher, Frank.....	20.00	Follows, Ralph M.....	39.35
Fisher, Gail.....	34.00	Foote, Carl.....	73.75
Fisher-Glassford Hardware Co.....	141.51	Foote & Co., J. A.....	111.67
Fisher, H. L.....	3.50	Ford, Clarence.....	9.15
Fisher, J.....	1.50	Foote, L. H.....	30.56
Fisher, John D.....	6.00	Foote, Roy.....	11.50
Fisher, J. W.....	16.00	Foran, Harold.....	11.25
Fisher, Nellie.....	22.00	Foran, J. F.....	14.50
Fisher-Thoesen Co.....	7.28	Forbes, S. W.....	10.00
Fisher, Will.....	7.50	Force & Rogers.....	48.00
Fisk, Clarke.....	46.50	Ford, Charles.....	1.00
Fisk, W. S.....	44.29	Ford, D. F.....	.52
Fiske, E. W.....	27.25	Ford, Frank.....	6.00
Fister & Neilson.....	13.50	Ford, G. G.....	3.00
Fitch Dustdown Co., The.....	4.00	Ford, Henry.....	27.75
Fitzgerald, Dick.....	47.00	Ford, I.....	3.00
Fitzgerald, E. C.....	9.00	Ford, O. D.....	9.00
Fitzgerald, Isaac.....	14.02	Ford, J. F.....	.52
Fitzgerald Market.....	8.10	Ford, T. C.....	64.00
Fitzgerald, Tom.....	.55	Ford & Lee.....	38.72
Fitzgibbon, Jas.....	21.00	Ford, L. J.....	18.60
Fitzhugh, Carroll.....	5.00	Ford, Orval.....	.90
Fitzpatrick, J. W.....	32.00	Ford, O. W.....	3.00
Fitzpatrick, Margaret B.....	1.85	Ford Optical Co.....	2.50
Fitzpatrick & Nicholson.....	19.89	Ford, Roger.....	18.40
Fitzpatrick, Sam.....	7.50	Ford & Sanborn Co.....	2.25
Fitzpatrick, William.....	9.60	Ford, W. E.....	8.50
Fitzsimmons, Chas.....	5.75	Ford, Will.....	.60
Fitzwater, J. A.....	4.90	Forde-Ford & Co.....	31.20
Fix, C. J.....	141.00	Fore, George.....	.75
Flack, Gus.....	15.60	Foreman, E. d.....	9.25
Flagstaff Cash Grocery.....	3.00	Foreman, Paul B.....	44.62
Flagstaff Electric Light Co.....	4.40	Forester, Alexander.....	1.15
Flagstaff Kodak Finishing Co.....	11.23	Forester, D. C.....	1.25
Flagstaff Lumber Manufacturing Co.....	11.40	Forester, Henry.....	3.60
Flagstaff Stables.....	320.20	Forester, H. J.....	1.15
Flake Bros.....	281.05	Forester, James E.....	34.00
Flamm Co. (Ltd.), Henry.....	444.86	Forester, Jesse.....	1.25
Flaner, Emma.....	32.76	Forester, R. L.....	.95
Flannery, G. I.....	4.12	Forester, Paul.....	24.00
Flathead Commercial Co.....	150.28	Forestry Quarterly.....	222.00
Fleck, Calvin.....	15.00	Forest, David.....	20.00
Flemer, Lewis.....	111.96	Forrester & Goolsby.....	31.45
Fleming Bros.....	10.55	Forrestell & Heelman.....	343.30
Fleming, George A.....	37.75	Forsberg, Laura.....	48.00
Fleming & Co., J. F.....	15.11	Forsyth, J. F.....	52.50
Fleming, Lamar.....	15.00	Forsyth Times Publishing Co.....	5.20
Fleming, Ernest.....	160.40	Forsyth, W. E.....	1.50
Fletcher, H. W.....	9.00	Forsythe, James.....	8.80
Flewelling, John.....	3.00	Forsythe, R. J.....	31.90
Flint, A. A.....	3.00	Fort Collins Hardware Co., The.....	70.10
Flint, Murray.....	36.67	Fort Klamath Stage Co., The.....	3.25
Flook, Harry G.....	10.00	Fortman, C. H.....	67.48
Flook Co., J. G., The.....	2.25	Forsty, Isaac.....	3.30
Florea, E. T.....	3.25	Fortner, David.....	17.62
Florence, Hotel.....	14.25	Fortune, James.....	20.00
Flourney & Co. (Inc.).....	12.60	Foss, John.....	10.00
Flournoy, H. C.....	50.00	Foss, R. O.....	13.80
Flores, J. M.....	20.00	Foster, C. E.....	2.00
Flores, Sacramento.....	21.00	Foster, F. C.....	3.00
Floussant Mercantile Co.....	76.27	Foster, Herman.....	3.96
Flowers, T. W.....	6.00	Foster, L. G.....	5.00
Floyd, M. M.....	10.31	Foster, Ross.....	130.00
Flud, Oliver.....	30.00	Foster, Wm. M.....	15.00
Flynn, Elmore.....	4.30	Foster Bros.....	91.14
Flynn, W. A.....	8.00	Foster & Livesay.....	12.00
Fobes Supply Co.....	10.56	Foster, Walter A.....	10.00
Forester, Paul.....	8.00	Fowler, Carter & Bowe.....	4.50
Fogg & Jacobs Mercantile Co.....	40.25	Fowler, W. B.....	12.00



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Fox, Bert.....	\$42.75	Frill, Vincent.....	\$24.33
Fox, Black.....	11.75	Frink, Chas.....	18.30
Fox, Charley.....	2.25	Frink, George.....	7.20
Fox, Earl.....	7.50	Frink, jr., William.....	54.55
Fox, J. H.....	5.00	Frisbee, M. P.....	18.05
Fox, T. M.....	1.75	Frisch, A. J., Mrs.....	3.00
Fox, Matilda.....	80.00	Frisch, John.....	4.25
Fox, U. J.....	1.75	Fricke, Wm.....	8.26
Fox & Waide.....	173.90	Fritch Hardware Co., Geo., The.....	19.50
Foxall, C. W.....	10.00	Fritschy, John.....	25.75
Foy, jr., M. Wm.....	18.42	Fritts, A. J.....	7.05
Frainey, Philip.....	37.50	Fritts, Charles.....	8.55
Frame, H. A.....	28.70	Fritz, C. B. & A. K.....	165.00
Francis, Al.....	2.50	Fritz, Ed.....	22.00
Francis, Albert.....	1.00	Fritz & Jacobs.....	16.05
Francis & Son, Elias.....	10.77	Froelich, Carl A.....	24.75
Francis, E. J.....	245.00	Froehlick, Wm.....	19.15
Franklin, Margaret.....	33.00	From, Ole.....	78.00
Franklin Mills Corporation.....	62.05	Fromahder, Burt.....	45.02
Franklin & Watson.....	11.55	Fromm, A.....	18.00
Frans, P. R.....	5.50	Frondorf, Philipp.....	8.00
Fransham, W. J.....	104.00	Franklin, Chas.....	3.00
Franswill & Co., P. J.....	29.90	Frontier Lumber Co.....	9.96
Frantz, F. X.....	10.00	Frosig, M.....	22.00
Frazer Pharmacy.....	7.20	Frost, Andrew.....	54.00
Franghton, Virgil.....	12.00	Frost, B.....	19.75
Frazier & Barnes.....	2.85	Frost, Clarence A.....	106.00
Frazier, Alex.....	8.20	Frost, Ed.....	22.50
Frazier, Ruth.....	5.00	Frost, Heber.....	34.00
Frazier, Wiley W.....	64.50	Frost, L. K.....	1.20
Freany, John.....	32.97	Frost, S. R.....	7.00
Fredenbug, Oscar.....	1.56	Frost, Still.....	9.75
Frederickson, A. D. & J. V.....	10.68	Frost, W. A.....	114.40
Frederickson, Frank.....	32.50	Fry, Norman W.....	135.00
Frederickson, Niels.....	17.00	Frye & Smith.....	5.75
Free, Chas. F.....	103.70	Fucki, George.....	.50
Free & Jones.....	82.49	Fuentez, Juan.....	2.50
Free Lance.....	36.90	Fuglaar, Ole.....	48.00
Freel, John.....	3.60	Fuhrman, R. C.....	12.98
Freeland, Chas.....	2.40	Fulkerson, H. E.....	71.50
Freelmy, Guy.....	50.00	Fulkerth, I. M.....	56.00
Freeman, H. B.....	10.50	Fulkerth, J. M.....	43.25
Freeman, I. W.....	1.75	Fullaway, S. V.....	3.60
Freeman, James.....	5.00	Fullaway, jr., S. V.....	10.70
Freeman, J. L.....	228.99	Fuller, David J.....	4.00
Freeman, Oliver.....	6.00	Fuller, Alfred.....	10.00
Freeman, Sylvanus A.....	27.50	Fuller Drug Co.....	14.75
Freeman, W. Guy.....	48.00	Fuller, James.....	39.00
Freeman, W. R.....	100.00	Fuller & Johnson Manufacturing Co.....	1.30
Free Press Publishing Co., Elko, Nev.....	3.85	Fuller, J. H.....	19.25
Freeze, W. L.....	.25	Fuller, J. O.....	33.95
Freidenrich Co. (Ltd.), Alexander.....	2.00	Fuller & Co., W. P.....	3.00
Fremming, Hal. E.....	110.00	Fullerton, J. B.....	8.75
Fremont County News.....	31.50	Fullerton, W. S.....	17.10
French, H. S.....	15.75	Fullmer, John.....	6.00
French, J. H.....	17.50	Fulstone & Frederick.....	4.15
French & Keller.....	16.50	Funk & Co., W. J.....	1.50
French, Robert.....	80.50	Funsten Bros. & Co.....	68.50
French, W. D.....	44.00	Furgerson, O. O.....	27.48
Frendenburg, Charles.....	3.00	Furlung, E. O.....	166.70
Fresno Flume & Lumber Co.....	10.68	Furman, A. H.....	5.00
Fresno Morning Republican, The.....	6.30	Furr, H. S.....	34.00
Fresno Weekly Republican, The.....	14.75	Furr, Ira.....	2.20
Frey, Chas.....	6.00	Furr, Levi.....	2.80
Frey, E. W.....	5.00	Fuse Co., D. & W.....	.40
Frey, F. C.....	30.70	Francis, Fred.....	24.00
Frey, G. S.....	2.50	Francis & Givens.....	181.05
Frey, Geo. W.....	36.40	Francis, W. G.....	80.55
Frey, H. A.....	5.00	Frandsen, W.....	26.00
Fried, M. B.....	3.10	Frank, Abe.....	54.75
Friedlein, Wm.....	12.00	Frank, A. N.....	8.00
Friend, H. M.....	14.00	Frank, Anton F.....	50.00
Friese, Victor A.....	1.00	Frank, Carl.....	1.05
Friez, Julian P.....	200.00	Frank, Fred P.....	24.68

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Frank, Helene.....	\$6.00	Gardner, Robert K.....	\$16.00
Frank & Neeper.....	3.75	Gardner, Thomas L.....	10.56
Franks, Andy.....	2.50	Gardner, Mrs. Thos.....	5.22
Franks, C. W.....	6.25	Gardner, Will.....	182.00
Franks, Himley.....	3.38	Gardner, Wm.....	38.40
Franks, Layton.....	2.03	Garen, John.....	7.50
Franks, N. M.....	14.10	Garene, Chris.....	52.50
Franks, Oliver.....	1.50	Gares, Felix.....	3.75
Franklin, C.....	10.00	Garey, Louis.....	5.00
Franklin, Harry.....	74.00	Garfield Exchange.....	139.19
Franklin, L. F.....	41.65	Garigan, Clarence.....	9.60
Gabbett, Roy.....	9.60	Garing, Althea.....	44.00
Gaddis & Dixon.....	11.20	Garland, Dawson.....	5.33
Gado, Ernest.....	6.60	Garland, F. H.....	75.00
Gage, H. F.....	5.00	Garlock, Levi C.....	5.00
Gage, J. E.....	2.50	Garner, Newton.....	26.50
Gage, W. O.....	6.00	Garner, R. F.....	15.62
Gaines, Carl.....	12.50	Garnett-Corey Hardware Co.....	323.50
Gaines, Charles.....	20.00	Garnock, Marie.....	2.50
Gaines, E. P.....	18.25	Garoute, Ora.....	28.85
Gaines, Lee.....	12.50	Garrett, B. R.....	6.00
Gaither, Horace.....	79.87	Garrett, Geo. K.....	5.75
Galbreath, G. A.....	4.76	Garrett, G. K.....	14.25
Gale, B. C.....	11.30	Garrett, J. R., Co.....	5.50
Gale, W. A.....	7.75	Garrett, Wm. X.....	11.00
Galigher, Frank.....	37.50	Garrison, Jack.....	1.20
Galla, Dominick.....	6.60	Garrison, James S.....	54.00
Gallagher, J.....	6.00	Garrison, P. G.....	26.25
Gallegher, Frank C.....	8.00	Garver, R. D.....	87.60
Gallagher, J. H.....	263.44	Gary Bros.....	9.83
Gallagher, Jas. R.....	16.50	Gary, J. L.....	51.50
Gallagher, Leander.....	22.80	Gaskill, L. D. C.....	119.50
Gallagher, P. M.....	35.00	Gassett, J. M.....	5.00
Gallant, P.....	2.25	Gassett, J. N.....	3.13
Gallarda, G.....	2.50	Gasset, W. B.....	12.00
Gallerdo, Z.....	2.50	Gastman, H. H.....	23.58
Gallegos, Brigido.....	87.28	Gate City Furniture Co.....	3.00
Gallegos, Domingo.....	7.50	Gate City Grocery.....	48.60
Gallegos, Mrs. Lily.....	16.50	Gates, Alma S.....	11.93
Gallegos, Thomas.....	7.50	Gates, Clark.....	13.25
Gallegos, Todocio.....	3.75	Gates, Geo. A.....	10.00
Galliber, W. T., & Bro. (Inc.).....	60.68	Gates, H. W., & Co.....	4.80
Galloway, S. S.....	18.75	Gates, J. R.....	9.38
Galoway, Frank.....	1.65	Gates, John T.....	37.13
Gammell, A.....	24.00	Gates, T. C.....	49.69
Ganoung, E.....	10.25	Gateway Nursery Co.....	47.90
Gant, Henry.....	1.50	Gauen, Rowland.....	17.00
Ganaman, Carl.....	9.75	Gaugh, G. W.....	1.50
Garber, Henry E.....	21.00	Gauld, D. W.....	26.29
Garcia, Amando.....	7.50	Gautier, Theodore.....	30.00
Garcia, Anzonia.....	5.50	Gavin, J. H.....	37.50
Garcia, Carlos.....	4.80	Gay, Pello Be.....	15.00
Garcia, Elias.....	36.28	Geary, Edward G.....	12.00
Garcia, Flavio.....	7.20	Geary, John.....	22.75
Garcia, Jim.....	7.00	Geary, Nathan.....	25.20
Garcia, Louis.....	6.50	Gebbers, George.....	3.25
Garcia, Petronito.....	.75	Gebo, Henry.....	60.00
Garcia, Valentine.....	7.00	Gee, Paul.....	13.75
Garden, J. W.....	22.50	Gehring, F. J.....	41.20
Garden, Jack.....	82.20	Geiger, W. M.....	2.87
Garden City Grain & Produce Co.....	47.00	Geis, Mrs. L. E.....	61.99
Gardner, J. W.....	82.89	Geisendorfer, G. M.....	.84
Gardner, A. B.....	16.00	Gekovich, Geo.....	13.80
Gardner, C. R.....	52.91	Gelbach, Charles H.....	32.74
Gardner, E. A.....	5.00	Gemmell, David.....	6.00
Gardner, Frank.....	76.75	General Chemical Co.....	38.12
Gardner, G. T., Henry.....	11.20	General Electric Co.....	328.83
Gardner, Jr., Henry.....	15.00	General Fireproofing Co., The.....	653.00
Gardner, H. O.....	82.76	Geneva Nurseries.....	56.10
Gardner, J. T.....	85.00	Gentry, David.....	13.50
Gardner & Nickerson.....	16.00	Gentry, D. P.....	16.00
Gardner, Ozro.....	29.00	Gentry, James.....	11.25
Gardner, Farley.....	18.00	Gentry, John.....	9.50
Gardner, Reuben.....	90.25	Gentry, J. L.....	116.87
Gardner, Richard.....	4.38	George, Christ.....	3.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
George, Elmer.....	\$7.50	Gillispie, H. A.....	\$2.20
George, John.....	40.00	Gillette, L. A.....	75.00
George, P. I.....	12.00	Gillette, Melvin.....	5.25
George, Ray.....	11.00	Gilley, Frank M.....	38.34
George, Robert.....	11.00	Gilliam & Bisbee.....	18.00
George, R. P.....	4.00	Gilliam, B. C.....	27.00
George, Thomas H.....	25.00	Gilliam, George F.....	3.00
George & Shamon.....	43.07	Gilliam, Elmer.....	21.50
Georghegan, T. P.....	11.88	Gillian, George W.....	45.85
Gerber & Erickson.....	16.94	Gillian, Guss.....	29.70
Gerber, H. E.....	13.55	Gillian, C. W.....	8.70
Gerber, Herman.....	19.15	Gilliam, S. W.....	9.38
Germain Seed & Plant Co.....	403.23	Gillis, A.....	75.90
German Nurseries.....	166.81	Gillis, J. A.....	15.20
Gerold Co., The Frank.....	6.00	Gillis, J. R.....	135.00
Gerrish, H. D.....	29.50	Gillispie, Bert.....	3.45
Gertenrez, Jose.....	5.00	Gillispie, Jack.....	3.45
Gervais, Frank.....	68.25	Gillispie, Joe.....	2.70
Gester, S. H.....	55.75	Gillmore, Henry.....	31.00
Gheen, R. T.....	2.50	Gillotogly & McDonald.....	5.00
Ghirardelli, Jos.....	25.00	Gilman, Henry.....	2.50
Giamini, P.....	1.25	Gilman, H. L.....	3.00
Gianero, Lawrence.....	3.50	Gilman, Z. D.....	70.73
Gibbel, I. B., Hardware Co.....	500.61	Gilmer, J. T.....	52.30
Gibbin, Omar D.....	1.75	Gilmore, Chas. L.....	21.00
Gibbons, F. R.....	26.13	Gilmore, Robert.....	1.00
Gibbons, Joseph A.....	2.00	Gilpin, W. J.....	6.00
Gibbons, M. E.....	2.50	Gilroy, T. G.....	29.15
Gibbons, O.....	8.50	Gilson, O. C.....	2.00
Gibbons, Richard.....	16.64	Gimbel, Ellis A.....	6.00
Gibbons, W. H.....	9.00	Ginbach, Earl.....	2.40
Gibbs, Alice H.....	46.75	Gionetti, Doink.....	3.30
Gibbs Bros.....	1.25	Gipson, T. M.....	2.20
Gibbs, C. D.....	7.75	Gipson, Willie.....	1.00
Gibbs, I. G.....	.80	Girard, B. L.....	22.50
Gibbs, J. L., & Co.....	10.20	Girard, Joe.....	4.75
Gibbs, L. G.....	1.75	Girard, Luey.....	4.75
Gibbs, Ralph.....	.75	Girard, Steve.....	8.50
Gibbs, Oscar.....	6.75	Gist, C. L.....	16.50
Gibson Copper Co.....	17.95	Gist, F. M.....	3.80
Gibson, F. M.....	2.40	Gist, Sam.....	2.10
Gibson, H. W.....	410.00	Glass, Arthur.....	16.50
Gibson, J. L.....	21.25	Glass, Ernest.....	9.60
Gibson, T. M.....	2.15	Glass, Norman.....	3.60
Gibson, Willie.....	7.70	Glass & Prudhomme Co.....	16.40
Giddens, L. C.....	46.80	Glasser, Henry.....	6.00
Gielegem, Alphonse.....	10.81	Glasser, H. W.....	30.00
Gierlick, H.....	1.00	Glauce, Bob.....	5.00
Gierlich, O.....	1.00	Glaus, Al.....	35.00
Glase, Chas.....	2.00	Gleason, Carl.....	6.75
Glaseker, Wm.....	33.72	Gleason, M. E.....	42.90
Glasey, William B.....	9.75	Gledj, Mjak.....	1.25
Gifford & Henry.....	5.00	Glen, Alma.....	15.30
Gifford, B. R. (hardware).....	3.00	Glen, C. M.....	8.00
Gila Valley Livery.....	85.00	Glendale Eq. Store.....	2.75
Gilbert, Arthur.....	10.80	Glendale Hardware Co.....	2.15
Gilbert, Ed.....	4.20	Do.....	6.80
Gilbert, Felix.....	10.00	Glendora Livery Stable.....	6.75
Gilbert, George W.....	31.33	Glendora Lumber Co.....	3.46
Gilbert, Guy.....	7.80	Glenn, H. L.....	189.00
Gilbert, J. C.....	49.95	Glenn, Sherman.....	15.95
Gilbert, D. W., & Sons.....	363.90	Glenny, Chas.....	1.50
Gilbert, William.....	75	Glenwood Post.....	14.00
Gilbertson & Anderson.....	7.00	Glidden Mercantile Co.....	10.05
Glechrist & Dawson (Inc.).....	16.75	Globe Hardware Co.....	30.45
Giles, Grover.....	5.00	Globe Paint & Wall Paper Co.....	8.20
Gilkey, H. P.....	36.67	Globe and Payson Stage Line.....	26.95
Gill, Albert.....	2.32	Globe Printing Co., The.....	12.75
Gill, George.....	.75	Gloge, Will.....	9.00
Gill, H. C.....	42.17	Glover, W. V.....	6.75
Gill, J. B.....	324.19	Gnose, J. B., & Co.....	154.95
Gill Co., The J. K.....	35.78	Goakes, A. L.....	14.50
Gill, Rowland.....	25.00	Goard, Chas.....	26.10
Gill, R. G.....	12.50	Goard, Geo. C.....	26.10



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Goben, L. E.	\$4.00	Gortat, Carl.	\$5.50
Godbehere, O. J.	10.00	Gorton, Arthur.	20.00
Godard, Lyman H.	35.00	Gorton, Fred.	8.10
Godfrey, H.	12.50	Gorton, Harlan.	40.25
Godfrey, Clara H.	28.00	Gorton's Supply Store.	7.50
Godfrey, David E.	204.75	Gosemill (P—12).	12.00
Godfrey, Geo. R.	6.00	Gosnell, J. A.	17.10
Godfrey & Pease.	5.50	Gosnell, Jesse.	6.90
Godfrey, W. T.	62.00	Gosnell, J. R.	12.15
Goeddel, Arthur.	2.25	Gosnell, Roland.	4.20
Goeddertz, Henry.	1.50	Gosnell, William J.	6.22
Goeglein, Geo. H.	7.50	Gospill, J. G.	10.00
Goemmer Bros.	50.00	Gospill, J. J.	4.50
Goetting, George.	54.00	Goss, Harry.	82.00
Goetze & Co.	52.80	Gossett, A. J.	5.00
Goff, Katherine.	8.00	Gossett, Harry.	35.00
Goforth, E. T.	7.50	Gossett, Horace.	5.00
Gold Mt. Water Co.	11.00	Gossett, J. M.	5.00
Golden, J.	8.55	Gotthelf & Tarbell Mercantile Co.	1,067.45
Golden Jubilee Mining Co.	7.04	Gould, C. H.	10.00
Golden Rule Dry Goods Co.	22.95	Gould, Mort D.	94.95
Goldman & Co.	151.30	Gould, D. W.	33.00
Goldsbrough, Harry D.	3.25	Gourly, Leslie.	1.50
Goldsmith, L.	16.00	Gove, Leslie W.	3.75
Goldsworthy, T. C.	15.25	Gowell, M. G.	25.00
Golsh, A. B.	5.50	Gowanlock, John A.	1,718.32
Gomez, Anselnor.	3.50	Grace Mercantile Co.	3.40
Gonzales, Annie.	20.00	Grace, Oliver J.	4.00
Gomez, Toribio.	4.00	Graden, A. J.	24.00
Gonmea, Tom.	8.00	Graden Mercantile Co.	120.62
Gonzales, Celestino.	46.00	Grady, D. A.	33.25
Gonzales, E.	2.50	Grady, Daniel E.	55.48
Gonzales, Florenzio.	74.25	Graft, H., & Co.	7.75
Gonzales, J.	2.50	Graham, E. B.	24.40
Gonzales, L.	2.50	Graham, F. R.	227.78
Gonzales, Mary.	5.00	Graham, Jas.	50.40
Gonzales, N.	37.00	Graham, J. B.	4.75
Gonzales, Pablo A.	81.67	Graham, J. E.	112.00
Do.	77.33	Graham, John, jr.	4.00
Gonzales, S.	2.50	Graham, John W., & Co.	50.00
Good, Fred E.	1.00	Graham Guardian, The.	20.00
Good, L. L.	1.00	Graham, Roy.	1.25
Goodell, Arthur S.	73.10	Graham, W. C.	45.00
Goodell, Clark.	8.50	Graham, W. J.	7.61
Gooden, Edd.	2.25	Graham, Wm.	2.00
Goodge, S. S.	24.75	Grambaur, Albert W.	4.50
Goodhue, N. T.	7.50	Gramer, C. E.	29.80
Goodin, Frank.	82.50	Grand Central Hotel.	17.00
Goodin, Mrs. Mattie.	47.00	Grand County Furniture Co.	7.40
Goodin, R. B.	7.50	Grand, John.	16.85
Gooding, Guy.	15.00	Grand Junction Printing Co.	2.60
Goodman, Arthur.	27.00	Grand Lake Mercantile Co.	2.64
Goodman, Frank.	34.85	Grand Mesa Lumber Co.	15.81
Goodner, Clyde.	3.00	Grand River Mercantile Co.	19.00
Goodpasture, C. E.	266.00	Grand Valley News.	4.80
Goodpasture, E. H.	6.50	Grand Valley Times.	13.70
Goodrich, B. F., Co.	53.95	Grandgenet, Nick.	18.60
Goodrich, James.	2.50	Grandy, Peter.	60.00
Goodrow-Webber Mercantile Co.	174.85	Granes, James.	25.95
Goodwin, G. F.	10.00	Graney, Thomas.	20.50
Goodwin, Harry.	18.27	Granger, Edw. A.	18.00
Goos, Fred.	40.00	Grant, Alexander.	8.00
Gordan, Will.	5.13	Grant, Bert.	27.83
Gordon, C. E.	3.00	Grant, Frank.	5.00
Gordon, C. F.	3.00	Grant, J. Q.	10.00
Gordon, Donald H.	5.50	Grant, J. M.	1,844.48
Gordon & Ferguson.	9.00	Grant County Telephone Co.	37.00
Gordon & Fitzgerald.	23.25	Grant County Tribune.	2.75
Gordon, G. W.	10.00	Grants Pass Feed Co.	130.15
Gordon, Ira.	72.75	Grants Pass Hardware Co.	1.85
Gordon, J. Roy M.	21.00	Grants Pass Livery Stables.	20.00
Gordon, Wallace.	1.62	Granville, J. Gordon.	7.25
Gorman, E. O.	16.00	Grasty, Dallas.	13.50
Gorrige, W. S.	4.00	Gratton, Julius.	17.00
Gorrige & Read.	10.50	Graves, H. D.	9.55

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Graves, John.....	\$1.00	Griffin, Dan.....	\$0.45
Graves Mercantile Co.....	366.35	Griffin Hardware Co.....	884.10
Gray, Andrew.....	11.00	Griffin & Veatch Co.....	17.05
Gray Bros. Co.....	8.70	Griffis, A. W.....	4.50
Gray, C. W.....	11.25	Griffith, Dan B.....	22.50
Gray, Edward.....	22.00	Griffith, Dave.....	2.50
Gray, Elsie A.....	11.00	Griffith, E. J.....	29.50
Gray, H. D.....	6.00	Griffith, R. E.....	10.00
Gray, Harry L.....	28.64	Griffith, T. M.....	99.00
Gray, I. M.....	11.00	Griffith, Wm.....	5.50
Gray, Jesse.....	2.50	Griffirts, Howard H.....	7.75
Gray, J. F.....	157.50	Griffitts, E. A.....	10.25
Gray, J. P.....	72.03	Griffitts, Howard H.....	15.75
Gray, Max.....	4.00	Grigg, Alfred.....	78.03
Gray, Perry.....	13.40	Griggs, Joe.....	30.00
Gray, R. W.....	1.20	Griggs, Thomas H.....	75.00
Gray, Thomas F.....	170.00	Grigsby, Jess.....	5.25
Gray, W. W.....	115.00	Grigsby, Steven.....	3.75
Grays Harbor Washingtonian.....	11.00	Grigsby, William.....	6.15
Great Falls Weekly Leader.....	4.80	Grijalba, Manuel.....	6.00
Great Falls Weekly Tribune, The.....	1.44	Grizz-Basset Co.....	2.50
Greaves, John.....	15.00	Grimes, Jessie.....	12.50
Greaves, Joseph.....	1.50	Grimes, Puddy.....	20.00
Green, A. J.....	67.67	Griscom, Harry R.....	25.00
Green, Cecil.....	50.00	Griscom-Spencer Co., The.....	1.32
Green, Chas. H.....	31.00	Griswold, A. M.....	63.18
Green, E. C.....	225.00	Griswold and Cartett.....	12.00
Green & Ellinghouse.....	12.50	Grober, Ben.....	10.20
Green, F. R.....	12.75	Groom Bros.....	5.00
Green, G. W.....	4.05	Grooms, E. A.....	7.00
Green, Henry.....	163.75	Groscurth, Ed. C.....	81.66
Green, John G.....	75.67	Groski, Jos.....	12.31
Green, J. J.....	3.00	Gross, E. C.....	19.50
Green, L. C.....	18.25	Gross, Harry.....	117.03
Green, Matt.....	27.25	Gross, John.....	28.35
Green, N. B.....	1.80	Gross, Kelly & Co.....	299.10
Green, S. H.....	99.94	Grossetete, Gus.....	30.00
Green, Wm. R.....	67.50	Grothwell, V.....	5.00
Greenamyre, Harold H.....	141.33	Grove, Andrew.....	71.55
Greenburg, C.....	6.00	Grovenburg, J. A.....	9.06
Greenburg, D.....	3.75	Grover, Ed.....	1.80
Greenburg, M.....	2.25	Groves, Chris.....	.50
Greenburg, S.....	7.00	Groves, John.....	.50
Greene, Beecher.....	7.50	Grubb, J. Frank.....	7.00
Greene, Ed.....	5.75	Grubb, G. W.....	2.50
Greene & Higson.....	10.75	Grubb, Peter.....	1.50
Greene, John B.....	7.50	Gruhler, Mrs. J.....	24.25
Greenfield, John.....	2.10	Grunze, J. H.....	4.25
Greenhagh, R. H.....	10.72	Guam Lumber & Trading Co.....	72.32
Greenlaw Lumber Co.....	88.33	Guardian Publishing Co.....	19.80
Greenus, A. E., & Co. (Inc.).....	3.00	Guardner, C.....	1.05
Greenville Improvement Co.....	11.73	Gueleke, Harry.....	62.50
Greenwald & Adams.....	6.00	Guelmella, Juan.....	16.75
Greenway, Mrs. W. J.....	26.49	Guenther, W. C.....	73.50
Greenwell, Reuben A.....	2.50	Guernsey, C.....	3.00
Greenwell, Melie.....	9.00	Guernsey, Geo. D.....	2.40
Greenwood, Jas.....	38.25	Gugling, Ira.....	12.00
Greer, James.....	.60	Guild, A. O.....	3.50
Grefe, Bernice M.....	20.00	Guildor, A. Van.....	3.00
Gregg, Jesse.....	20.00	Guilfoyle, Lillie.....	14.90
Gregory, Andy.....	3.50	Guinn, J. F.....	16.50
Gregory, James.....	1.50	Guiry Bros.....	22.00
Gregory, John.....	12.00	Gumaer, H. B.....	9.00
Gregory, R. G.....	3.00	Gunderson, Chris.....	3.00
Greider, C. E.....	22.56	Gunn, Chester, jr.....	9.75
Greig, Geo. T.....	15.00	Gunnell, W. J.....	15.00
Gresham, E. D.....	9.00	Gunnison Gazette, The.....	2.75
Gribbin, William.....	6.25	Gunnison Hardware Co.....	164.52
Gribble & Epperson.....	5.33	Gunnison News Champion.....	5.25
Gribble, W. S.....	26.93	Gunnison Republican, The.....	38.00
Grice & Gage.....	189.52	Gunther, Chas.....	6.60
Griep, Helen.....	27.00	Gunther, Wm.....	4.12
Griffin, Walter.....	1.60	Gura, Mike.....	37.50
Griffin, A. L.....	336.00	Gurgensen, John.....	1.75
Griffin, Ben.....	.50	Gurley, W. & L. E.....	867.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Gurney, Chas.	\$24.00	Hall, Ben.	\$3.00
Gurney Seed & Nursery Co.	35.90	Hall, Byron.	13.00
Gurr, Wm. H.	40.00	Hall, Chas.	3.65
Gusdorf, Gerson.	6.00	Hall & Co.	29.55
Gustafson, Andy.	42.00	Hall, C. P.	8.95
Gustafson, Gus.	19.35	Hall, De Loss.	30.00
Gustafson Mercantile Co.	3.15	Hall, Ed, et al.	76.75
Gustoffson, John.	10.11	Hall, Fred J.	25.00
Guts, Wm.	1.80	Hall & Gardner.	4.75
Guthery, R.	47.25	Hall & Son, Geo.	5.50
Guthrie, H. E.	12.12	Hall, Harry C.	88.50
Guthrie, R. T.	13.75	Hall, Mrs. Harry C.	8.00
Gutierrez, Silso.	.62	Hall, James.	12.50
Gutierrez, Jesus.	79.75	Hall, J. B.	229.38
Gulls, N.	22.09	Hall, J. E.	13.00
Gwynn, Columbus.	22.16	Hall, Josephine E.	30.00
Haas, W., Jr.	42.00	Hall, Lent.	50.00
Haas, Ed.		Hall & McAfee.	80.40
Haas Hardware & Implement Co.,		Hall, Philip.	6.75
Herman.	75.95	Hall, Roy.	1.50
Haas, Louis.	17.50	Hall, R. J.	16.00
Haas Plumbing & Heating Co.	10.85	Hall, Mrs. I. J.	11.50
Haas, Roy.	37.75	Hall, W. A.	4.70
Habick, Dave.	1.00	Hall, Walter.	.75
Hack, Al.	13.00	Hall, W. I.	62.94
Hack, Henry.	13.98	Hall, W. P.	16.00
Hack, Wm.	13.98	Hall, William.	6.75
Hackett, J. V.	10.00	Halloway, H. H.	46.00
Hackler, Thomas.	69.00	Halladay, A. W.	2.50
Hackleroad, G. A.	4.50	Hallowell, D. H.	1.50
Hackman, A. D.	48.50	Halm, William.	2.00
Hackman, C.	5.00	Halpin, Chas. H.	56.00
Hacquoic, Olojio.	1.75	Halsey Lumber Co.	321.41
Hadley, Allen.	7.50	Halsey, W. A.	5.00
Haerberle, J. G.	4.70	Halthoner, Henrietta.	8.75
Haefel, John.	7.50	Halverson, Andrew.	26.87
Haefel, William.	10.00	Halverson, James.	73.50
Haffly Co., C. A.	26.81	Halverson, O.	78.70
Hafley, F. H.	6.75	Ham, Whitcomb H.	16.00
Hafley, Myrtle N.	18.20	Hamaker, Louis.	17.50
Hagan & Co. (Inc.), S. J.	210.30	Hamaker, Luther.	65.00
Hagberg, John.	30.60	Hamblen, Floyd L.	27.50
Hagen, O. C.	17.00	Hambley, Ernest J.	7.54
Haggerty, R.	9.25	Hamblin, Frank M.	175.00
Haggett, Merl.	4.29	Hamblin, Isaiah.	15.00
Hagman, Albert.	80.00	Hamby, William V.	37.50
Haigh, Arleigh.	21.25	Hamersley, Thos.	26.25
Haigh, Claire J.	3.25	Hames, M. W.	25.00
Haight, F. F.	17.25	Hamilton, B. B.	33.36
Haight, James D.	3.30	Hamilton Drug Co.	5.90
Hailey National Bank.	27.50	Hamilton, E. W.	88.75
Hailstone, Stephen.	2.80	Hamilton, Fred.	3.00
Haines, A. C.	42.00	Hamilton, George A.	3.00
Haines, E. A.	.30	Hamilton, Harry W.	129.25
Haines, Henry H.	10.00	Hamilton Hardware Co.	14.40
Haines, L. Morrill.	55.00	Hamilton, H. J.	69.50
Haines & Spratt.	19.40	Hamilton, Howard.	3.96
Hair-Riddle Hardware Co.	10.66	Hamilton, J. M.	10.00
Haisten, H. B.	3.75	Hamilton, J. T.	22.70
Halbert, Webber Hardware Co., The.	12.25	Hamilton Mercantile Co.	9.85
Hale, E. S.	20.00	Hamilton, Oliver Co.	11.10
Hale, G. W.	2.25	Hamilton, T. C.	9.75
Hale, Howard.	3.75	Hamilton, Viola.	6.50
Hale, James C.	7.25	Hamison, J. W.	25.85
Hale, M. W.	1.00	Hamn, Geo. W.	.62
Hale, S. R.	8.00	Hammacher, Schlemmer & Co.	48.87
Hale, Titus.	31.75	Hamman, Carl.	6.00
Hale, Tom.	2.37	Hammar Bros. White Lead Co.	8.91
Hale, W. D.	2.25	Hammer, J. J.	27.50
Hales, Joe.	48.00	Hammer, Tony.	15.96
Hales & Symons.	71.55	Hammond, Angus.	12.90
Haley, Chas. J.	36.10	Hammond, Arthur.	12.90
Haley, Curtis.	8.75	Hammond, Clyde.	2.81
Haley, R.	3.50	Hammond, David.	11.00
Hall, A.	1.25	Hammond, Mrs. G. L.	30.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hammond & Harrington.....	\$44.25	Hardin, H. F.....	\$25.50
Hammond, H. B.....	37.50	Hardin, Will.....	11.48
Hammond, J. M.....	6.31	Harding County Era.....	2.25
Hammond, J. P.....	19.13	Harding, Harry.....	52.25
Hammond & Sons, R. A.....	21.95	Harding & Kerr.....	12.00
Hammond, William G.....	13.70	Harding, Mabel.....	25.00
Hamner, G. G.....	2.50	Hardman, J. R.....	114.63
Hamon, Ed.....	7.50	Hardt, F. T.....	10.00
Hampton, Bert.....	22.35	Hardy, A. J.....	118.29
Hampton, E. M.....	3.00	Hardy's Bookstore.....	7.40
Hampton, J. G.....	1.50	Hardy Furniture Co.....	39.70
Hampton, J. P.....	15.50	Hardware Dealers Magazine.....	1.00
Hampton, R.....	112.50	Hardware Record.....	2.00
Hancock, David M.....	5.00	Hare, L.....	1.25
Hancock, Earl.....	2.00	Hare, Lou G.....	21.00
Hancock, Ed.....	91.00	Harkleroad, G. O.....	18.00
Hancock, Philip.....	2.50	Harkleroad, Owen.....	9.60
Hancock, Willie.....	1.00	Harkness, Bessie.....	25.00
Hand, Charlie.....	7.00	Harkness, H. O.....	21.07
Hand, Chas. B.....	12.00	Harkness, M.....	51.00
Handcock, John J., jr.....	6.00	Harlan, T. H.....	6.00
Handy, Ida.....	22.60	Harloff, P. F.....	25.35
Handy, Mrs. R.....	4.55	Harlow, P. F.....	6.00
Hane, C. F.....	5.50	Harlow, Milton.....	33.00
Hane, E. S.....	2.25	Harlowton News.....	11.60
Hanke, Henry.....	151.38	Harmon, A. A.....	8.25
Hankins, E.....	2.25	Harmon, C. E.....	15.60
Hankins, Paul.....	27.50	Harmon, Ed.....	90.35
Hanks, Sidney A.....	4.00	Harmon & Harmon.....	3.32
Hanks, T. A.....	47.55	Harmon, J. W.....	5.30
Hanks, W. C.....	30.00	Harmon, L. E.....	3.00
Hanlon, A.....	8.75	Harmon Lumber Co., S. H.....	1.75
Hanna, Bill.....	.75	Harmon, M. D.....	17.50
Hanna, Cuthbert.....	39.00	Harmon, Zina.....	29.85
Hanna, Stanley.....	3.15	Harmonson & Rood.....	10.60
Hannay, Thomas.....	5.10	Harness, T. W.....	.45
Hanover Mercantile Co.....	38.08	Harney County News.....	10.00
Hanrath, Earl.....	9.00	Harney, G. M.....	8.88
Hansel, E. M.....	13.20	Harney Peak Mining News.....	9.50
Hansell, R. A.....	16.00	Harold, E. B.....	1.20
Hansen, Andrew.....	121.00	Harp, H. S.....	144.75
Hansen, A. N.....	6.75	Harp, H. S.....	51.00
Hansen, Ed.....	95.00	Harper, Eli F.....	61.00
Hansen, Fred.....	\$6.14	Harper, Munroe.....	.68
Hansen, Hans.....	5.25	Harper, Philander.....	7.20
Hansen & Co., H. C.....	10.00	Harper, R. V.....	1.73
Hansen, Henry.....	4.20	Harper & Reynolds Co.....	286.78
Hansen, Horace.....	8.00	Harrell, J. C.....	1.20
Hansen & Lund Lumber Co.....	1.39	Harrigan, C. L.....	10.00
Hansen, W.....	48.07	Harriman, W. O.....	69.00
Hansle, Albert.....	1.50	Harrington, C. A.....	8.50
Hansle, Jacob.....	2.40	Harrington & King Perforating Co.....	14.56
Hanson & Co.....	40.91	Harrington, Oma.....	13.75
Hanson, Edw. B.....	5.00	Harrington, Wm. M.....	3.90
Hanson, Fred.....	7.50	Harris, A.....	5.25
Hanson & Garrow.....	317.12	Harris, Arden.....	6.00
Hanson, H. H.....	24.00	Harris, Arthur L.....	1.62
Hanson, Geo. L.....	24.00	Harris, C. F.....	5.00
Hanson, J.....	16.00	Harris, Charlie.....	232.25
Hanson, N. W.....	70.39	Harris, F. O.....	8.40
Hanson, Ole.....	9.00	Harris, Frank.....	1.80
Hanson, Parley.....	12.50	Harris Furniture Co.....	28.65
Hanson, Philip.....	4.00	Harris, George.....	8.00
Hanson, R. M.....	20.00	Harris, Hardy.....	1.00
Hanson, Wm. H.....	10.00	Harris, James.....	11.00
Hanzlik, E. J.....	36.13	Harris, Mrs. James S.....	5.60
Hapner, T. W.....	41.50	Harris, John.....	2.00
Happy, Louis.....	3.50	Harris, Joseph A.....	43.70
Haralson, J. A.....	74.00	Harris, Josie.....	5.00
Harbort, Eddie.....	3.87	Harris, Mrs. J. M.....	6.65
Hardee, Homer L.....	20.00	Harris, Nelson.....	3.00
Hardenburgh, Geo.....	267.40	Harris, O. D.....	13.44
Hardenburgh, John.....	5.00	Harris, Paul.....	2.60
Hardesty, Geo.....	1.25	Harris, Thomas.....	45.00
Hardin, Calvin T.....	15.00	Harris, W. H.....	30.52

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harris, W. K.	\$47.50	Haun, Frank D.	\$81.45
Harris, W. P.	42.00	Hauser, Harry	68.00
Harrison, E. E.	11.15	Hausler & Co.	33.00
Harrison, G. B.	3.00	Haverty, Robert	53.30
Harrison, J. W.	263.93	Havre Plainedealer Co.	17.70
Harrison & Sons, W. E. C.	2.10	Hawes, W. V.	46.00
Harrison, Scott	11.50	Hawk, Black.	11.75
Harrison, W. F.	2.75	Hawkins, C. D.	1.50
Harrod, J. H.	6.00	Hawkins, E. L.	29.75
Harsch Bottling Works, The.	6.30	Hawkins, R. W.	11.00
Harshbarger & Co.	9.63	Hawks, J. E.	3.60
Hart, A. E.	54.75	Hawley, A. J.	3.75
Hart, Charles	88.75	Hawley, Jesse	36.00
Hart, D. A.	4.00	Hawley, King & Co.	1.90
Hart Co., Edward	63.55	Hawley, L. R.	11.05
Hart, Frank	.50	Hawn, Mrs. A. F.	1.00
Hart, Fred G.	50.82	Haworth, R. M.	8.00
Hart, H. F.	2.25	Haws, F. M.	25.00
Hart, H. J.	2.00	Hay, D. C.	8.00
Hart, J. A.	18.00	Hay, Mike	5.60
Hart, Joe	13.34	Haycock, Thomas	67.50
Hart, John	24.11	Haycock, Walter J.	56.02
Hart Manufacturing Co.	6.31	Hayden, Bert	1.62
Hart, Thomas	62.93	Hayden, D. L.	3.00
Hart, W. A.	24.45	Haydon, Harry	21.00
Hart, William T.	79.97	Hayes, A. L.	10.50
Hartig, Louis	14.92	Hayes Bros.	30.35
Hartke, R. F.	105.00	Hayes, C.	7.50
Hartley, H. M.	17.38	Hayes, Edward	26.10
Hartley, John	1.50	Hayes, Mike	48.25
Hartley, Pleasant	4.40	Hayes, Timothy	26.10
Hartman, Geo. D.	2.50	Hayes, W. H.	20.78
Hartman, H. H.	2.50	Hayes, Mrs. W. H.	14.86
Hartman, J. L.	40.00	Hayhurst, M.	14.75
Hartman, John W.	46.00	Hayhurst & Son	43.70
Hartman, Phil.	30.60	Haymaker, S. W.	17.40
Hartman, R. W.	5.70	Hays, C.	10.00
Hartsell, Vernon	6.75	Hays, Everett R.	5.00
Hartung-Larson Hardware Co.	36.22	Hays, Mac	1.50
Harvard Law Review, Association of.	2.50	Hays, M. E.	5.00
Harvey, Clinton	12.00	Hays, T. S.	9.08
Harvey, E. B.	27.00	Hays, W. C.	5.00
Harvey, E. C.	24.25	Hayward, Bert	145.60
Harvey, Eugene	2.00	Hayward, Calvin	2.00
Harvey, J. E.	17.50	Hayward, Ray	115.50
Harvey, Mrs. John	7.50	Hazard, Geo. W.	57.85
Harvey, J. R.	8.00	Hazard, Gould & Co.	74.47
Harvey, L. A.	1.00	Hazard, W. W.	2.50
Harvey, W. G.	21.00	Hazel, C.	3.00
Harvey, W. J.	29.26	Hazel & Davis	3.00
Hartvig, H. M.	5.50	Hazeltine, Byron	1.25
Harvard, Amasa	35.00	Hazeltine, Fred	1.25
Haschke, Albert	3.00	Hazeltine, Milt.	1.25
Hash, W. K.	16.25	Hazeltine, S.	10.00
Hash, K.	7.50	Head, Ella A.	4.50
Hasins, Y.	17.00	Head, Forrest D.	8.50
Haskill, Arthur	28.75	Head, W. R.	14.80
Hastings, Walter	13.00	Headington, Roy	9.75
Hatch & Co., A.	56.20	Healam, John	12.25
Hatch, James H.	2.50	Healey, M. L.	7.50
Hatch, Starnes	61.25	Heap & Hannah	20.50
Hatch & Son	136.45	Heard, Geo.	6.60
Hatcher Hardware Co.	54.55	Heater, E. J.	2.25
Hatcher Mercantile Co., The	44.90	Heath, Charles	6.00
Hatfield, Tandy	.90	Heath, Frank R.	30.00
Hatfield, W. E.	17.05	Heath, H. C.	4.12
Hathaway, Ed.	10.00	Heath, Noel C.	13.50
Hathaway, Robert	10.00	Heath, R. F.	2.50
Hathaway & Co., W. S.	17.10	Heath, Warren	4.12
Hattenbach, J.	124.25	Heath, Willis	8.25
Hattman, Betty	12.50	Heatherly, Miss.	1.00
Hatton, Chas.	1.50	Heber Mercantile Co.	4.20
Haught, John	3.25	Hecht, R. F.	16.00
Haught, Lee	3.25	Heckman & Co., J. R.	36.15
Hauman, Anna	6.00	Hedding, C. E.	47.25

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hedge, Frederick.....	\$1.35	Hensinger, H. V.....	\$3.00
Hedges, F. F.....	3.00	Hensley, J. W.....	13.33
Hedgpeth, J.....	85.25	Henthorn, E. R.....	7.50
Hedricks, John S.....	201.37	Hepp Wall Paper & Mercantile Co.....	4.27
Hedum, Emil C.....	11.10	Heppner Gazette, The.....	2.40
Hefferman, George.....	56.00	Herald, The.....	3.00
Heffner, S. M.....	66.86	Herald Printing Co.....	8.64
Heffron, Dan.....	145.00	Herald Publishing Co.....	61.77
Heglen, Archie.....	22.60	Herbener, Ferdinand.....	243.25
Heiland, H. L.....	3.25	Herbert, C. M.....	7.52
Heilman, Harry H.....	12.50	Herbert, Gus.....	52.15
Heinn Co., The.....	189.04	Hering, Harriet T.....	1.00
Hein, John.....	4.50	Herman Bros.....	4.20
Heiness, Hank.....	8.50	Herman, Mrs. Charles.....	2.50
Heinz, Langley R.....	4.25	Herman, David.....	20.70
Heiskell, jr., P. H., & Co.....	17.28	Hermann, Albert.....	2.50
Heiter, Frank.....	12.50	Hermann, J. J.....	45.65
Helena Cab Co.....	6.00	Hermia, Antonio.....	16.50
Helena Hardware Co. (Inc.).....	335.40	Hernage, Arthur.....	11.75
Helena Hotel, The.....	11.00	Hernage Mercantile Co., H. J.....	27.90
Helena Stamp Works.....	4.70	Hernage, W. J.....	12.00
Helester Gold Mining Co., The.....	24.00	Hernandez, Francisco.....	26.50
Hellar, Andrew.....	30.25	Hernandez, Telesfen.....	.60
Hellen, William von der.....	74.65	Hernandez, Y.....	12.75
Heller, A.....	54.83	Herreid, S.....	103.95
Heller & Merz Co., The.....	1.00	Herrero, Toribio.....	2.00
Heller, Mrs. M.....	108.00	Herrig, Fred.....	17.75
Helms, Arthur.....	7.50	Herriman, O. P.....	30.00
Helsing, F. E.....	3.50	Herring, A. A.....	15.00
Helvetia Copper Co.....	30.50	Herring, Malcolm E.....	20.00
Hemberger, Chas. H.....	7.50	Herrington, A. H.....	1.20
Hemenway, Charles.....	18.25	Herrington, C. C.....	1.20
Hemenway Grocery Co.....	197.56	Herrington, E. S.....	5.00
Hemenway Implement Co.....	15.00	Herrington, S. G.....	3.00
Hemenway, O. E.....	41.16	Herrington, Thos. E.....	5.50
Hamet Hardware Co.....	429.50	Herrmann, Harry.....	68.81
Hemet Livery Stables.....	97.40	Herrman & Kane.....	5.50
Hemphill, Guerdon.....	10.50	Herron, R.....	2.55
Helmsley, Wiley.....	2.70	Hervey, Roy.....	18.00
Henderson, A. D.....	2.50	Herwick, Guy.....	25.00
Henderson, B.....	.87	Herwick, Orin H.....	41.25
Henderson, B. F.....	7.00	Herz, Gus.....	13.88
Henderson, E. D.....	5.00	Hess, C. C.....	47.50
Henderson, James.....	15.00	Hess, C. R.....	1.25
Henderson, Jesse F.....	184.01	Hess, Floyd.....	24.37
Henderson & Johnson.....	5.80	Hess, Howard.....	162.50
Henderson, L. J.....	2.00	Hess, Joseph.....	65.25
Henderson Saddlery Co., T. M.....	26.80	Hesselgrave, John.....	6.00
Henderson, Sebird.....	14.00	Hessig Co., L.....	35.40
Hendricks, Andrew.....	70.04	Hesson & Co., A. W.....	503.61
Hendricks, Ben.....	3.00	Hestmark, A. T.....	23.25
Hendricks, G. W.....	6.55	Hetland, Edward.....	7.00
Hendricks, Jno.....	.45	Hetrick, J. B.....	2.00
Hendricks, S. C.....	.45	Hewitt, Chas.....	5.50
Hendrickson, Alfred.....	.75	Heydenreich, H. F.....	9.00
Hendrickson, Henry.....	30.50	Heydler, John A.....	2.25
Hendrie & Bolthoff Manufacturing & Supply Co., The.....	327.89	Hiatt, O. L.....	3.96
Hendrix, Andrew.....	74.26	Hiatt, C. E.....	9.45
Hendrix, Daniel.....	1.80	Hibbard, Newell E.....	10.00
Hendrix, J. B.....	4.50	Hibbs, S. T.....	9.55
Hendry, C. D.....	37.70	Hickcox, T. J.....	7.50
Henery, B. F.....	8.25	Hickey, J. H.....	12.00
Henley, Phil.....	12.00	Hicks, Arthur G.....	52.50
Hennessy Co.....	67.70	Hicks, B. F.....	6.00
Henning, Otto.....	13.80	Hicks, Bert.....	15.75
Hennissey, Ross.....	3.00	Hicks, Charles.....	3.50
Henrich, Joe.....	54.08	Hicks, Clyde.....	7.50
Henry, Abe.....	37.50	Hicks, D. H.....	1.05
Henry, Chas.....	22.45	Hicks, E. F.....	1.05
Henry, Frank.....	3.00	Hicks, Eugene.....	24.00
Henry, Gilbert.....	49.50	Hicks, H. G.....	5.00
Henry, H. L.....	9.75	Hicks, J. G.....	16.00
Henry, L. B.....	21.50	Hicks, J. M.....	3.00
Henry, Wm.....	11.00	Hicks & Co., J. R.....	8.40
		Hicks, O. F.....	122.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hicks, S. C.	\$2.75	Hipp, Lee	\$34.50
Hicks, Steve	3.00	Hirsch, Mrs. Carl	11.50
Hicks, W. L.	7.00	Hirsch & Kaiser	26.05
Hickson, John R.	2.75	Hirschberg & Co., Jos.	388.84
Hidalgo, Miguel	7.00	Hirsch, Otto	39.20
Hiddenridge, Fred	1.25	Hiscox, Shepard	12.00
Hiett, Joe	82.55	Hisle, W. M.	356.90
Higby Mercantile Co.	71.53	Hitchcock, John	3.50
Higginbotham, Benjamin	44.00	Hitchcock, L. E.	50.00
Higgins, Andy	72.50	Hitchcock, W. B.	61.56
Higgins, C. A.	9.50	Hixon, Henry	15.00
Higgins, C. H.	2.34	Hjort, C. K.	73.74
Higgins, Charles	5.00	Hoag, Chas.	1.00
Higgins, Emmet	12.25	Hoagland, J. T.	7.25
Higgins, F. M.	1.20	Hoalst, C. R.	30.00
Higgins, Mrs. Howard	9.75	Hobart, L. E.	18.00
Higgins, J. A.	6.00	Hobbick, Ida	22.50
Higgins, Mrs. N. E.	1.50	Hobbs, Kate	11.20
Higgins, N. T.	3.40	Hobbs, Wall & Co. (Inc.)	52.47
Higgins, S. J.	6.25	Hoburg, E.	15.00
Higgins, W. R.	4.75	Hochheimer & Co.	70.55
Higginson, Thomas W.	196.83	Hockensmith, James H.	104.00
Higgs, J. C.	5.45	Hockett, Ben F.	9.00
High, M. J.	37.30	Hockett, Mrs. H. A.	44.00
Highbee, Frank	4.50	Hockett, J. W.	12.00
Hight, Charles S.	7.81	Hocking, Edna C.	67.50
Hight, Geo. W.	25.00	Hodapp, Geo.	5.50
Highlen, Jos.	9.00	Hodge, Geo.	3.90
Higley, R. L. & Co.	123.15	Hodge, Richard	3.75
Hilbert, Frank	15.00	Hodges, John F.	4.50
Hilding, August	10.65	Hodges, John G.	16.10
Hildreth, N. B.	15.88	Hodges, R. E.	7.50
Hilkins & Wagner	10.85	Hodgins, Anson B.	27.50
Hill, A. M.	36.00	Hoeckel B. B. Co., C. F.	19.70
Hill, Carl	11.50	Hoegee Co., The Wm. H.	25.00
Hill, Chas.	1.50	Hofer, Bert	1.25
Hill, C. M.	2.05	Hoffman, Agnes	2.50
Hill City Lumber Co.	360.96	Hoffman, Alice Colden	136.77
Hill, D.	988.58	Hoffman, Ferdinand	3.00
Hill, E. E.	43.30	Hoffman, George	72.38
Hill, H. H.	8.00	Hoffman, John	7.40
Hill, Isaac	6.60	Hoffman, Julius V.	25.00
Hill, James	2.63	Hoffmann, L. E.	47.90
Hill, John	62.50	Hoffman, M. L.	8.00
Hill, J. G.	37.50	Hoffman, Paul W.	127.50
Hill, J. J.	62.50	Hofius Steel & Equipment Co.	50.00
Hill, J. M.	89.00	Hogan, Bessie	67.50
Hill, J. T.	10.60	Hogan & Co.	2.00
Hill, J. W.	55.46	Hogan, Dennis	16.00
Hill, Ruth	49.50	Hogan, M. L.	55.00
Hill, Thos. J.	1.20	Hogate, L. K.	15.15
Hill, W. B.	15.25	Hoge, Archie	1.25
Hill, W. H.	5.00	Hogelie, John J.	9.38
Hill, Mrs. Wm.	6.00	Hogland, Jesse	16.02
Hillary, R. P.	120.00	Hogle, C. G.	18.33
Hilliard, W. W.	14.75	Hogle, Harry G.	65.00
Hilligass, W. H.	1.50	Hogshead, John S.	2.00
Hillis, Orrison L.	12.00	Hogue and Burke	10.45
Hillis, Robt. E.	71.27	Hogue, Clarence E.	52.80
Hillman, Bill	2.40	Hogue, Everett	16.25
Hills, J. B.	.75	Hogue & Hervey	30.00
Hillyard Studio, The	10.30	Hogue, James	26.65
Hilt, J. F.	49.50	Hogue, J. D.	15.00
Hilts, E. J.	117.00	Hohmann & Maurer Manufacturing Co.	106.50
Hilts, Herbert	12.00	Hoisington, Ira	5.00
Hines, R. B.	.55	Hoitkoller, Fred	1.50
Hindrichwood, J. P.	14.70	Hoke, Geo. W. L.	42.50
Hinck, J. H.	50.00	Holbrook, Argus	1.50
Hines, C. H.	64.95	Holbrook, Charles	22.50
Hines, Emil	1.25	Holbrook Drug Co.	9.50
Hines, S. A.	14.25	Holbrook & Hoffman	1.50
Hinkle, Lewis	45.01	Holbrook Livery & Feed Stable	12.00
Hinsley, J. M.	1.73	Holcomb, C. S.	8.10
Hinn, W. H.	1.50		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Holcomb, Jas.	\$42.00	Hopkins, J. G.	\$1.50
Holcomb, S. W.	4.75	Hopkins, J. J.	15.00
Holden, Iver.	\$1.00	Hopkinson, C. H.	34.50
Holder & Co.	7.50	Hopper, John.	2.00
Holder, R. L.	11.50	Hopper, L. R.	6.50
Holdridge, S. R.	40.00	Hopping, Guy.	2.50
Holland, C. E.	44.00	Hopping, Karl.	2.50
Holland, Robert.	1.50	Hopping, Ralph.	55.51
Holland, R. J.	1.73	Horn, A. J.	3.75
Holland, W. E.	4.50	Horn, Allen.	2.10
Hollands Manufacturing Co.	.40	Horn, Barney.	35.35
Hollenbeck, M.	21.44	Horn, Chas.	5.00
Holliday, Chas. M.	72.00	Horn Mercantile Co.	180.40
Holliday Co., W. H.	358.88	Horner, J. E.	6.27
Holloway, J. M.	25.13	Horse, Chas. Red.	11.75
Holloway, Lomand.	141.00	Horse, Crazy.	11.75
Holly, C. P.	23.50	Horse, Louis Roan.	11.75
Holm, A.	54.00	Horton, H.	90.00
Holm, Paul.	5.00	Horton, Harold W.	12.50
Holman, Arthur.	13.00	Horton, J. E.	16.00
Holman, A. H.	33.19	Horton, Mrs. M.	15.89
Holman, Harry.	10.00	Horton, Thomas.	1.00
Holmberg, Albert.	27.00	Horton, W. H.	27.50
Holmes Co., The.	5.00	Horword, Eng.	10.75
Holmes, R. E.	1.50	Hosburg, Fred.	3.00
Holmes, S. B.	7.50	Hosfeld, J. L.	50.00
Holmes, W. E.	174.63	Hosford, R. C.	25.95
Holsclow, Minton.	61.25	Hosford, W. S.	3.00
Holschauer, Otto.	5.00	Hoskins, David F.	5.00
Holst, Henry.	38.73	Hoss, H. H.	20.50
Holt, Frank.	4.00	Hoss, J. H.	300.00
Holt, Harold G.	22.50	Hosselkus Co., The.	8.00
Holt, Geo.	5.50	Hotchkiss, Henry.	25.00
Holt & Jones.	37.00	Hotel Carlyle.	65.20
Holt, J. H.	.90	Hotel Idaho.	98.99
Holt, R. A.	107.80	Hotel Josephine.	3.50
Holt, Walker.	5.75	Hotel Normandie.	22.50
Holter Hardware Co., A. M.	477.61	Hotel Seward.	37.50
Holthe, O.	5.45	Hottel Brokerage Co., J. B.	24.63
Holzheimer, John.	72.00	Houck, J. D.	48.98
Holzman Mercantile Co.	45.00	Hough, J. W.	50.36
Homes, Fred C.	20.12	Hough, Len A.	147.50
Homrighausen, John G.	16.00	Houghland, F. S.	7.50
Honaker, J. M.	1.25	Houghton, W. B.	34.55
Honefeld, L. A.	2.50	Houk, W. E.	146.84
Honey, Joseph.	46.00	House, Charles.	1.40
Honeyman Hardware Co.	866.51	House, George H.	53.57
Honrath, Earl.	24.00	House, Henry G.	4.72
Honyde, E. P.	15.00	House & Herrmann.	7.45
Hood, O. H.	60.80	Houset, Ira L.	13.72
Hoods-Canal Mercantile Co.	21.45	Houyde, Edd.	45.50
Hooker, Chas. H.	7.00	Hovey, Henry.	40.00
Hooper, Ed.	54.85	Hovey, J. W.	93.56
Hooten, Revis.	69.37	Howard, Fred.	18.10
Hoover, Andy.	10.10	Howard, Geo. E.	40.00
Hoover, Chris.	26.73	Howard, J. A.	341.95
Hoover, Curt.	26.75	Howard, L. B.	38.50
Hoover, D. B.	25.25	Howard Lake & Victor Nurseries.	63.00
Hoover, James C.	11.20	Howard & Malvan.	4.00
Hoover Lumber Co.	10.85	Howard, Thomas K.	54.00
Hoover, L. W.	4.69	Howe, C. F.	68.00
Hoover, S. P.	10.78	Howe, Ed.	40.00
Hoover, Wm.	33.25	Howe Electric Co.	28.50
Hope, Balfour.	3.00	Howe, Frank.	9.25
Hope, C. E.	191.67	Howe, J. N.	7.50
Hope, Joseph.	88.75	Howe, Robt. A.	213.00
Hope Lumber Manufacturing Co.	16.62	Howe, Wm.	2.50
Hope Mercantile Co.	17.50	Howell, Jeff.	7.50
Hopkins, Al.	1.50	Howell & Ross.	10.65
Hopkins, A. S.	100.00	Howes, L. S.	36.00
Hopkins, C. C.	65.55	Howitt, T. R.	11.25
Hopkins, E. G.	26.40	Howlett, Albert.	9.00
Hopkins, Frank.	4.30	Howlett, Mrs. R.	41.50
Hopkins, Geo. E.	2.00	Howlett, Mrs. S. E.	14.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hoxer, John.....	\$8.50	Humick, Jefferson.....	\$25.00
Hoxie, F. O.....	4.50	Humiston, George E.....	20.80
Hoxie, Geo. R.....	4.50	Humphries, Jos.....	2.40
Hoy, T. G.....	1.25	Humphries, Mont.....	2.40
Hoyes, Earl.....	10.50	Humphreys, Wilford.....	13.50
Hoyes, Wm.....	2.00	Humphreys, G. R.....	4.10
Hoyle, Harry G.....	2.50	Humphreys, H. T.....	14.20
Hoyt, E. R.....	13.50	Hundley, Roy.....	31.94
Hub, The.....	20.50	Hungate, Thomas.....	6.00
Hubbard, A. R.....	89.85	Hungerford, Robert A.....	75.00
Hubbard Bros.....	83.90	Huning & Conrell.....	37.12
Hubbard, Darrell.....	.75	Hunsberger, Edwin.....	19.80
Hubbard, J. F.....	1.35	Hunt, Ben R.....	12.75
Hubbard, O.....	1.75	Hunt, C. L.....	28.50
Hubbard, Walter.....	7.86	Hunt, E. E.....	100.62
Hubbell, James L.....	14.30	Hunt, Henry.....	93.00
Hubbell, J. M.....	97.50	Hunt, Isaac.....	6.02
Hubbell, Lorenzo.....	236.88	Hunt, John.....	115.00
Huber, F.....	4.50	Hunt & Co., J. W.....	8.80
Huber, Joe.....	15.50	Hunt Mercantile Co.....	18.56
Huber & Sevenich.....	18.50	Hunt, Ray O.....	32.00
Hubner, Henry.....	112.30	Hunt, Tom.....	58.25
Huddleston, Geo.....	7.50	Hunt, Wm. A.....	102.50
Hudelson & Son, A. B.....	30.85	Hunt, Wm. B.....	12.00
Hudnall & Olmsted.....	26.00	Hunt, W. C.....	18.70
Hudson, Francis L.....	97.00	Hunter Drug Co.....	79.70
Hudson, Frank.....	2.50	Hunter, D. W.....	1.20
Hudson, Geo. L.....	250.00	Hunter, John.....	5.00
Hudson, Herbert C.....	2.50	Hunter, John B.....	5.00
Hudson, S. A.....	2.50	Hunter Mercantile Co.....	9.40
Huelsman, D. H.....	2.00	Hunter, Ray.....	1.20
Huey, Frank.....	2.70	Hunter Co., William.....	27.20
Huey, G. W.....	46.00	Hunter, Wm. A.....	3.00
Huey, L. J.....	3.00	Hunter, W. S.....	5.00
Huff, W. R.....	199.85	Hunter, W. W. W.....	3.25
Huff Co., T. & S.....	16.00	Hunting, N. C.....	78.00
Huffman, C. T.....	65.70	Huntington, Chas.....	13.50
Huffman, J. P.....	58.00	Huntington, Coop.....	1.20
Huffman, W. H.....	12.25	Huntington, Frank I.....	20.00
Hufta, Levi.....	41.50	Huntley, Mrs. Lizzie.....	27.00
Hughel, Nile.....	6.00	Huntron, J. C.....	31.34
Hughes, Clara L.....	21.25	Huntsman, Ed.....	15.00
Hughes, Mrs. C. M.....	8.35	Hurd, Guy A.....	65.83
Hughes, Mrs. Fred E.....	6.00	Hurd, H. C.....	214.50
Hughes, Geo.....	42.00	Hurdman, Peter.....	6.00
Hughes, H. F.....	45.00	Hurdman, Will.....	5.10
Hughes, James.....	7.00	Hurlburt, J. W.....	6.50
Hughes, John.....	50.15	Hurley, J. E.....	4.00
Hughes, J. C.....	5.62	Hurley, E. L.....	4.50
Hughes, J. P.....	78.42	Hurley, J. H.....	8.00
Hughes, Lou.....	68.00	Hurley, O. D.....	1.50
Hughes Mercantile Co.....	3.25	Hurley, Tom.....	21.00
Hughes, W. H.....	6.00	Hurn, Geo. R.....	71.50
Hugus & Co., J. W.....	650.29	Hurst, W. N.....	5.00
Hulburd, Geo. F.....	50.00	Hurt, Martin.....	21.00
Huldt, L. J.....	24.25	Hurta, Ignacio.....	15.00
Hulen, S. L.....	40.00	Hurtado, Innocencio.....	1.00
Hulgerson, Ira.....	6.70	Husk & Query.....	8.00
Hull, Eleanor.....	82.00	Huson, D. C.....	11.25
Hull, Gilbert.....	35.00	Hutchens, Joseph.....	13.00
Hull, John B.....	22.65	Hutchins, T. A.....	2.00
Hull, John C.....	9.00	Hutchinson, Ed. P.....	30.00
Hull, J. P.....	33.00	Hutchinson & Lumsden.....	230.26
Hull & Son, Polk.....	26.74	Hutchinson, T. S.....	30.60
Hull & Co., R. N.....	113.64	Hutchinson, W. I.....	57.00
Hull, W. M.....	33.00	Hutson, B. B.....	3.00
Huln, W. R.....	2.25	Hutton, A. P.....	2.90
Hulse, Harry.....	120.60	Hyannis Central Telephone Co.....	3.00
Hulse, Hubert.....	23.88	Hyatt, J. W.....	1.60
Hulsey, Bailey.....	57.00	Hyde, J. L.....	9.75
Hulsey, Marcellus.....	21.15	Hyde & Co., W. H.....	28.50
Humberson, A. P.....	2.00	Hygienic Ice Co.....	15.16
Hume, Frank (Inc.).....	3.00	Hyland Bros.....	237.07
Humeston, S. J.....	45.83	Hyland, Wilbur H.....	41.37



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hyler, Benjamin.....	\$22.50	Iverson, Andrew.....	\$103.25
Hylton & Hanna.....	24.25	Ivie, Alden S.....	4.00
Hylton, L. P.....	70.70	Ivie, Gilbert.....	2.50
Hymas, Mrs. H. H.....	18.75	Ivor, E.....	74.50
Jaeger, L. J. F.....	97.50	Jack, H. E.....	39.60
Ice Delivery Co.....	9.26	Jackson, A. O.....	20.00
Icenogle, Joe.....	3.00	Jackson, A. P.....	3.00
Idaho Coal & Commercial Co.....	36.20	Jackson, B. D.....	1.62
Idaho County Free Press.....	8.16	Jackson, Charles F.....	130.52
Idaho Daily Statesman.....	23.40	Jackson & Co.....	15.85
Idaho Dressed Beef Co.....	26.14	Jackson, Edward.....	16.05
Idaho Enterprise, The.....	7.80	Jackson, Frank Lee.....	10.00
Idaho Falls Planing Mill Co.....	19.00	Jackson, George.....	7.20
Idaho Hardware & Plumbing Co.....	116.33	Jackson, G. T.....	8.00
Idaho Manufacturing Co.....	186.00	Jackson Hardware Co.....	220.45
Idaho Mountaineer.....	3.60	Jackson, Homer.....	20.00
Idaho Power & Transportation Co.....	4.50	Jackson, J.....	25.00
Idaho Press Publishing Co.....	45.06	Jackson, Jack.....	59.13
Idaho Recorder, The.....	25.07	Jackson, Jesse.....	5.00
Idaho Springs Hardware Co.....	1.25	Jackson, John.....	6.75
Idaho Springs Lumber Co.....	5.60	Jackson, R. A.....	4.00
Idaho Statesman.....	3.60	Jackson, Sam.....	31.25
Idaho Stage Co.....	12.25	Jackson, William.....	1.05
Idyllwild Mountain Resort Co.....	126.42	Jacobs, Anton.....	3.75
Ireda, M.....	17.00	Jacobs, Geo. M.....	9.80
Ilfeld Co., Chas.....	54.25	Jacobs, Louis.....	8.80
Ilfeld Indian Trading Co.....	28.80	Jacobs, Myron.....	30.94
Iles, Frank B.....	59.40	Jacobs & Son, J. M.....	3.25
Iliff, Ben. B.....	76.00	Jacobs, W. H.....	165.00
Imes, Chas. R.....	33.48	Jacobson, Geo. P.....	71.86
Imperial Laundry Co., The.....	86.80	Jacobson, Joe.....	11.00
Improved Mailing Case Co.....	10.50	Jacobson, L. R.....	2.00
Independent, The.....	6.00	Jaeger, Chas.....	79.74
Independent Baggage Co.....	63.31	Jafike, Will.....	6.00
Independent Lumber Co., The.....	19.00	Jagers, Roy.....	22.50
Independent Publishing Co.....	12.23	Jakinen, Charles.....	20.70
Indian Creek Cattle Co.....	18.00	Jakways, C. A.....	6.00
Indiana Lumber Co.....	12.88	James, Al.....	7.00
Ingle, Ernest.....	34.37	James, A. S.....	45.70
Ingle Manufacturing Co.....	6.00	James, Harrie.....	193.00
Ingleside Transfer Co.....	30.00	James, H. I.....	7.00
Ingraham, Ed.....	1.50	James, J. L.....	46.25
Ingraham, Frank.....	45.00	James, John, Jr.....	3.00
Ingraham, G. L.....	5.20	James, John M. P.....	12.50
Ingram, J. A.....	14.00	James Transfer Co.....	14.61
Inks, Andrew.....	1.50	James, Walter.....	3.50
Inland Type Foundry.....	281.15	Jamieson Harness Co., The.....	23.95
Innes, A.....	34.50	Jamison, Jas.....	2.00
Innmann, Earl.....	1.75	Janes, Pearl.....	2.25
Interlake Weekly.....	16.80	Janeway, D. O.....	35.00
Inter-Mountain Map Co.....	17.05	Janeway, Thomas.....	1.35
Inter-Mountain Press Clipping Bureau.....	72.63	Jans, Harry.....	83.83
Inter-Mountain Publishing Co.....	15.00	Jaramillo, Luis.....	9.35
Interstate Telephone Co. (Ltd.).....	3.60	Jarvis, Chas. E.....	96.00
Inyo Register.....	7.88	Jarvis, Burton.....	19.00
Inyo Store.....	24.95	Jarvis, Chas. B.....	5.25
Ira Freer Department Store.....	2.40	Jarvis, J. W.....	31.50
Iron County Record.....	2.28	Jarvis, T. B.....	21.25
Irvin, Alex.....	10.00	Jasper, Tom.....	10.31
Isom, Allen L.....	13.50	Jay, John.....	5.00
Irons, Frank A.....	6.75	Jayne, Carl.....	1.50
Irwin, F. C.....	49.50	Jeane, Frank.....	3.75
Irwin-Hodson Co.....	5.50	Jenner, C. H.....	15.00
Irwin & Karstens.....	1.08	Jeans, Archie.....	22.10
Irving-Pitt Manufacturing Co.....	5.70	Jeffers & Switzer.....	15.45
Irving, W. F.....	1.47	Jeffries, Tom.....	.75
Irving, Wm.....	77.30	Jeken, F. G.....	16.00
Isbester, John H.....	33.00	Jemison, George.....	1.20
Isdell Mercantile Co.....	11.99	Jenderson, R. E.....	4.95
Ishkalalzay, P. C.....	12.00	Jenifer, J. O.....	21.10
Isle, John.....	3.00	Jenkins, C. D.....	159.30
Ison, Charley.....	1.50	Jenkins, Ephraim W.....	20.00
Israel, Clem. P.....	35.00	Jenkins & Sons, J. W.....	3.50
Ivamosa Store.....	22.42	Jenkins, Thomas.....	3.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Jenkins, W. B.	\$2.50	Johnson, Harry	\$2.00
Jenney, Paul	12.00	Johnson, Harry T.	14.50
Jennings & Sons, Henry	9.45	Johnson, Henry	46.25
Jensen Co., A.	69.40	Johnson, Hjalman	12.00
Jensen, Ariel	4.50	Johnson, H. M.	11.50
Jensen, A. W.	44.60	Johnson, H. W.	4.50
Jensen Bros.	29.05	Johnson, Ira G.	2.70
Jensen, C. C.	49.80	Johnson, J. A.	396.24
Jensen & Co., C. E.	6.00	Johnson, Jas. H.	122.89
Jensen, C. F.	43.50	Johnson, J. D.	5.55
Jensen, Mrs. Elizabeth	6.00	Johnson, J. H.	17.50
Jensen, Evert	3.00	Johnson, J. J.	3.30
Jensen, George	23.12	Johnson, Joe	4.05
Jensen, Hans E.	22.00	Johnson, John	13.72
Jensen, James C.	13.00	Johnson, John E.	30.60
Jensen, J. C.	54.00	Johnson, John F.	11.00
Jensen, Jens P.	3.00	Johnson, John O.	17.50
Jensen, Ladru	3.00	Johnson, John P.	54.08
Jensen, N. P.	56.96	Johnson, Joseph P.	40.00
Jensen, Ole	4.80	Johnson, J. S.	7.25
Jensen, Peter, jr.	1.25	Johnson, J. T.	3.90
Jensen, Peter N.	3.50	Johnson & Knox	4.20
Jensen, Peter R.	5.00	Johnson, Lee	11.00
Jensen, S. C.	17.13	Johnson, Leo	13.75
Jensen, Thos. P.	57.18	Johnson, Leonard	1.00
Jenness, Mrs. Ed.	9.75	Johnson, L. C.	38.40
Jephentaylor, Charley	3.20	Johnson, L. D.	84.00
Jessen, C.	.75	Johnson, Louis E.	12.50
Jessup, E. H.	15.00	Johnson & McLean	16.50
Jesson, Wm.	6.00	Johnson, Mart (Martenus)	20.75
Jewell Hardware Co.	51.25	Johnson-Means Mercantile Co.	894.48
Jewett, F. F.	6.60	Johnson, Murrie	22.50
Jewett, John	25.00	Johnson, N. H.	4.50
Jewett, Preston H.	20.00	Johnson, Nick	18.75
Jewett Co., Z. K.	19.00	Johnson, N. M.	4.00
Jex Lumber Co.	5.95	Johnson, Oliver E.	14.72
Jimenez, Alexander	12.25	Johnson, Peter	37.38
Jimmie Fruit Co., The	33.85	Johnson, Ralph H.	16.00
Jiniger, Alfred	50.00	Johnson, Richard	5.00
Joerger, Andy	21.00	Johnson, Roderick	30.00
Joerns, Henry E.	30.50	Johnson, Royal	6.00
Johaton, Ed.	42.00	Johnson, Mrs. Royal	24.75
Johns, Frank	3.37	Johnson, Rowland	17.50
Johns, Henry	275.00	Johnson & Sons, J. C.	14.00
Johns-Manville Co., H. W.	477.37	Johnson, T. C.	5.00
John's Mining Camp	11.00	Johnson, Thomas	30.61
Johns, Robert	5.50	Johnson, Tom L.	8.12
Johns & Turner	26.75	Johnson, Warren I.	2.40
Johnson, A.	7.25	Johnson, Victor	2.50
Johnson, Albert	9.50	Johnson, Wayne	14.00
Johnson, Andrew	25.50	Johnson, Mrs. W. E.	2.50
Johnson, Ben	1.90	Johnson, Will	26.25
Johnson, B. F.	5.00	Johnson, William	31.65
Johnson Bros.	167.31	Johnson & Son, William	81.17
Johnson & Co.	10.85	Johnson, Wm. C.	1.05
Johnson, C.	10.75	Johnson, W. M.	2.25
Johnson, Chas.	18.00	Johnston, Ames S.	65.00
Johnson, Charlie	56.75	Johnston, Dana	2.00
Johnson, C. B.	9.00	Johnston, H.	45.00
Johnson, C. D.	12.75	Johnston, J. A.	22.62
Johnson, C. H.	4.40	Johnston, Percy G.	11.50
Johnson, Curt H.	10.00	Johnston & Co., W. H.	26.70
Johnson, Daniel J.	4.50	Johnstone, T. H.	7.50
Johnson, D. G.	7.00	Jokinen, Charles	.10
Johnson, Dixon R.	76.50	Jones & Co., A. Q.	7.40
Johnson, Earl W.	19.50	Jones, Al.	2.25
Johnson, E. C.	10.00	Jones Bros.	275.76
Johnson, Ed.	10.20	Jones & Caulfield	12.50
Johnson, Edmund	1.00	Jones, C. A.	2.00
Johnson, Eric	42.00	Jones, C. F.	25.00
Johnson, F. F.	8.62	Jones, C. H.	11.50
Johnson, Gus.	1.75	Jones, Charley	11.58
Johnson, G. W.	7.94	Jones, Daniel	3.00
Johnson, Haakon	78.00	Jones, David H.	18.34

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Jones, E. B.	\$8.25	Juvinal, D. E.	\$1.00
Jones, Edgar	9.00	Juvinal, H. A.	4.50
Jones, Edward	11.20	Kahlert & Co., Albert	.90
Jones, Mrs. Estelle	5.00	Kahn, Adolph	1.00
Jones, Eveline	4.00	Kahn & Co., Henry	21.64
Jones, Frank	9.75	Kailin & Sons, M.	2.35
Jones & Goff	6.00	Kaiser, Christ.	6.55
Jones, G. W.	10.00	Kalamazoo Loose Leaf Binder Co.	93.77
Jones, Harry	79.50	Kalamazoo Store Co.	69.30
Jones, H. E.	4.20	Kaleb, John	3.30
Jones, Henry	3.75	Kalestos, Mack	9.00
Jones, James	75.00	Kalhamer, Karl	4.00
Jones, J. K.	7.00	Kaljian, Ytch	4.20
Jones, J. L.	.70	Kalkjian, Oufry	3.75
Jones, Leslie	69.40	Kalloch, F. E.	39.75
Jones, Martin	113.00	Kamm, J. F.	94.82
Jones, M. D.	12.79	Kanab Equitable	741.86
Jones, Oliver	8.00	Kanouse, J. H.	235.52
Jones, P. P.	4.75	Kane, D. J.	97.06
Jones, Robert	31.50	Kane & Wildenstein	38.50
Jones, Roy E.	12.00	Kanne & Co., H. S.	26.14
Jones, R. D.	.70	Kansas Subirrigation Co.	4.00
Jones, T. H.	2.40	Kapusta, Jos.	6.00
Jones, Warren	12.37	Karnes, John	7.50
Jones, Wm.	49.70	Karrels, Geo.	3.30
Jones, W. A.	4.50	Karst, Peter	5.00
Jones, W. H.	63.20	Katzenstein & Co., Otto	13.70
Jones, Walter J.	12.24	Kaufman Bros.	136.14
Joplin, Andrew	10.00	Kaufmann, Mayme	35.00
Jordan, Charley E.	12.50	Kauffmann, S.	3.00
Jordan, Frank	9.25	Kaune & Co., H. S.	28.77
Jordan, J. C.	10.00	Kavanaugh, E. W.	50.00
Jordan, L. H.	4.75	Kay, Phil.	19.00
Jordan, N. B.	2.00	Kay, M. S.	5.25
Jordan, Newell	3.00	Kearney, John	27.50
Jordan & Co., R. L.	137.76	Keas, Chas. H.	22.00
Jordan, S.	7.50	Keating, George	23.90
Jordan, W. B.	4.00	Kedzie, Malcolm	6.75
Jordan, Wm.	5.00	Kearney, Peter	17.50
Jorgenson, Nels	80.60	Keely, Nickerman, Kessenich Co.	967.13
Jorstad, Oluf	8.88	Keen Camp Hotel	106.89
Jose, Mrs. Thos.	52.01	Keenan, J. F.	9.75
Joseph Cash Store	38.00	Keene, H. E.	21.00
Joseph, L. G.	2.00	Keener, Arthur	1.40
Josey, Lemuel	27.00	Keeney, E. J.	20.00
Joslyn, J.	.75	Keger, C. D.	4.40
Journal, The	39.10	Kegg, Clay	17.85
Journal Miner Publishing Co.	7.50	Kehlstrom, Charles	45.75
Journal Publishing Co.	5.85	Keil, Frank H.	12.80
Journal Stockman Co., The	4.00	Keim, Clinton L.	40.50
Joy, F. F.	6.40	Keiser, James	5.50
Joyce, Edna	2.50	Kell, N. J.	6.00
Joyce Engraving Co., The Maurice	2.28	Keller, A. C.	33.50
Joyce-Fruit Co.	41.10	Keller, Gus	3.80
Juab County Times	3.50	Keller, Miller & Co.	55.05
Juch, Arthur	1.00	Keller, Sylvester	35.04
Judd, Asa W.	135.00	Kelley, E.	3.60
Judd, Carlos	91.50	Kelley, E. M.	2.81
Judd, C. W.	34.50	Kelley Hardware Co.	31.75
Judd, Mrs. E. E.	10.68	Kelley, J.	1.75
Judd, H. E.	42.00	Kelley, J. E.	2.00
Judd Implement Co.	1.25	Kelley, John C.	82.50
Judd, Orin	52.50	Kelley, John H.	105.00
Judd, S. A.	1.25	Kelley, Martin	41.67
Judd, Zadok K.	6.00	Kelley, Otis W.	3.15
Judge, James	16.00	Kelley, William	6.34
Judge, John H.	20.00	Kellner, John	12.00
Judy, Vesper	22.50	Kellogg, Florence	20.00
Junior Typewriter Co.	.30	Kellogg, Harvey	2.00
Junkaus, Hanna & Ryan	107.59	Kellogg, J. C.	133.33
Jurado, A.	2.50	Kellogg Paint Co.	7.25
Jurgensen, John	2.80	Kelly, C. B.	24.00
Justic, Noble	11.33	Kelly, Cleo	13.75
Justice, S. R.	13.40	Kelly, C. M.	74.25
Justis Mercantile Co.	84.86	Kelly, Elmer	3.10



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd:</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kelly, E. M.	\$5.61	Kerrigan, J.	\$15.00
Kelly, Frank.	26.00	Kerrigan, James F.	3.00
Kelly, Frank J.	45.00	Kerstetter, B. F.	66.00
Kelly, P. E.	3.67	Kerwin & Boulter.	9.50
Kelly, Thomas.	7.12	Kesler, William M.	1.75
Kelly, Tom.	2.02	Kessler, Peter, N.	10.00
Kelly, T. M.	1.20	Kestner, Otto.	33.75
Kelnhofer, Alois.	1.25	Ketchikan Miner, The.	37.95
Keltner, S. D.	14.25	Ketchikan Steamship Co.	433.65
Kemmerer, Camera.	24.27	Ketner, Palmer.	8.90
Kemmerer Coal Co.	41.83	Ketridge, J. C.	75.00
Kemmerer, Kate.	.75	Keuffel & Esser Co.	379.76
Kemmerer-Pinedale Stage Co.	2.00	Keys, Roy.	4.50
Kemp, Add.	3.00	Keyes, Wm.	5.00
Kemp, A. H.	1.50	Kidder, G. C.	.50
Kemp, Allen.	1.65	Kidwell & Co., C. H.	67.50
Kemp, Barton.	3.00	Kidwell, Frank.	1.00
Kemp, Fred.	3.00	Kieffer, Fred.	20.85
Kemp, H.	78.20	Kiernan, W. T.	19.10
Kemp, Lier.	1.40	Kiesel Co., Fred J.	543.66
Kemp, S. K.	2.60	Kiger, C. D.	133.33
Kemper, C.	5.25	Kight-Hall Hardware Co.	174.05
Kendall, John.	30.25	Kilbe, Thomas.	18.80
Kendall, J. L. & S. A.	16.55	Kilburn, Aron.	3.90
Kendall, L. W.	30.00	Kilburn, Wilson.	103.20
Kendrick Bellamy Co.	32.22	Kilburn, Winifred.	69.75
Kendrick, Chas.	1.50	Kile, Alex.	100.01
Kendrick, Jas.	1.20	Kilgore, M. D.	5.50
Kenety, W. H.	50.00	Kilham Stationery & Printing Co.	4.20
Kennah, J. P.	3.25	Killgore, W. A.	2.10
Kennedy, Alex.	1.75	Killian & Co., Geo. P.	208.15
Kennedy, E. H.	9.90	Killoren, Henry.	80.55
Kennedy, Geo.	8.00	Killoren, John P.	115.00
Kennedy, J. D.	33.50	Killow, Floyd.	9.27
Kennedy, J. E.	6.60	Killow, Orvil.	.65
Kennedy, Mrs. Louise J.	28.20	Killson, C. B.	17.30
Kennedy, L. W.	22.58	Kilts, Floyd.	62.00
Kennedy, Merch.	58.75	Kimball, George M.	5.15
Kennedy, Thos.	2.00	Kimball, Joseph G.	38.00
Kennedy, Ward.	7.50	Kimball, L. S.	2.25
Kennedy, Will.	2.63	Kimball, Russell.	422.00
Kenneth, Albert.	2.00	Kimberly-Clark Co.	9.43
Kennett, Clyde.	152.50	Kimsey, C. G.	5.00
Kennett, John.	75.00	Kimzey, J. O.	82.31
Kenney, Dan.	11.00	Kincaid, H. F.	40.00
Kennicott Patterson Transfer Co.	64.85	Kincannon, John.	1.40
Kennington, Jos. H.	50.00	Kincannon, W. J.	4.00
Kenniston, E. B.	10.33	Kindig, Ira.	15.00
Kenny, E. F.	8.25	King, Clarence A.	22.87
Kenoyer, E. S.	13.50	King, Claude.	3.50
Kent, James D.	86.56	King, C. W.	12.00
Kent, Ralph.	1.50	King, Ezra.	12.00
Kent, William.	25.00	King, Harry S.	13.21
Kentucky Livery Stables.	18.00	King, I. L.	30.00
Kenyon, W. E.	12.00	King, Jerry.	35.69
Kenyon Noble Lumber Co.	5.40	King, John M.	9.05
Keonyn & Co., P. P.	9.64	King, Lawrence.	6.00
Kerby, D. H.	3.00	King, Paul.	6.00
Kerby, E. G.	.50	King, R. L.	3.45
Kerby, Wm.	25.60	King, Robt.	58.00
Kerckhoff-Cuzner Mill & Lumber Co.	34.34	King, Roy.	6.00
Kerkhof, J. H.	10.00	King, W. F.	68.15
Kerlee, James D.	2.50	King Co., The W. F.	161.91
Kerlee, William A.	22.50	King, Wm.	22.00
Kernode, G. F.	1.25	King & Walker.	29.27
Kern, H. A.	53.00	Kingla, George.	60.00
Kern, H. R.	.80	Kinglin, Harry H.	22.50
Kern County Land Co.	49.87	Kingsbury, George W.	50.00
Kern, Philip.	63.10	Kinkel, Ed.	2.40
Kerns, A. E.	20.85	Kinkel, H.	2.40
Kerr, Clyde.	3.00	Kinkiad, Chas.	17.00
Kerr Hardware & Implement Co.	91.00	Kinney, Geo.	64.30
Kerr & Son, Thomas.	72.50	Kinney, M. E.	9.50
Kerr, Thomas.	114.45		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kinney, Thomas E.	\$17.50	Koch Lumber Co.	\$1.00
Kinsey, Arthur.	11.55	Koch, Otto.	1.00
Kinsey, John D.	51.00	Koch, Rifer.	7.50
Kinsley, A. L.	13.15	Kodoi, G.	6.00
Kinzie, Thomas.	27.50	Koehler, Ben.	5.75
Kiphart, Alex.	3.50	Koehn, Louis.	5.20
Kirbey, Henry.	1.50	Koenig, W.	1.00
Kirby, Arthur.	6.00	Koher, Wm.	52.25
Kirby & Cameron.	29.81	Kohler Co., F. E.	8.40
Kirby, J. H.	5.55	Kohler-McLister Paint Co.	5.95
Kirby, Thos.	14.06	Kohn, Mrs. K.	34.75
Kirk, Lask.	2.40	Kokta, John.	7.50
Kirkendall, H.	10.00	Kolb, W. A.	90.00
Kirkenslager, Geo.	.75	Koletzke, A. H.	15.00
Kirkham, Andrew S.	3.00	Kolle, Chris.	32.50
Kirkham, B. F.	3.00	Kolesink, Efin.	3.75
Kirkham, I. N.	3.00	Kompp Bros.	28.50
Kirkman Construction Co.	120.00	Konkul, Charles.	1.95
Kirkman, John.	5.65	Konkul, Charlie F.	2.75
Kirsch Bros.	7.45	Kontos, George.	9.00
Kiser, Anna R.	2.50	Kools, Sam.	13.00
Kissee, John.	66.25	Koons, J. W.	5.00
Kist, Frank.	38.24	Kooskia Mercantile Co.	15.50
Kistler Bros. Co.	16.85	Kootanai Trading Co.	109.25
Kistler, C. E.	37.78	Kootz, Robt.	6.60
Kistler Stationery Co., W. H.	617.38	Koozer, H. J.	2.10
Kitler, Harley.	1.25	Koppe, August.	24.00
Kitson, T. E.	9.45	Kopp Co., The.	67.34
Klamath Falls-Lakeview Auto Co.	15.00	Korber & Co., J.	23.00
Klamath Republican.	34.60	Koski, Robt.	6.60
Klash, John.	4.25	Koster, Otto.	36.60
Klash, Walter.	5.00	Kostka Drug Co.	2.64
Klass, F.	8.40	Kottke, Edward E.	10.75
Kleckner, G. B.	22.50	Kottkey, Henry F.	21.00
Klemmer, Est. J. P.	17.15	Kovitch, Andrew.	13.80
Kline's Furniture & Carpet House.	1.75	Kovocvick, Andrew.	6.60
Klingensmith, T. D.	5.00	Kraft, Roy.	66.00
Klingia, Geo. E.	5.50	Krakauer, Zork & Moye.	125.25
Klingia, Geo. W.	20.00	Krapp, Donald.	5.25
Klingley, George E.	20.00	Kratz, Joe.	5.00
Klink, Elmer.	1.12	Krauch, Herman.	50.05
Klinke Bros.	32.68	Krebs, John.	33.35
Kloss, Herman.	2.50	Krehl & Sons.	9.00
Kloth, E. W.	2.50	Kremmling, E. B.	34.30
Klorinan, O.	26.15	Kremmling, R.	10.70
Klueter & Co.	14.10	Kress, Edward.	50.00
Klum, J. A.	5.00	Krete, A. O.	2.00
Knapp, Dutton.	114.68	Krigbaum, E. M.	32.00
Knapp, M. D.	249.25	Kriger, George.	8.40
Knapp, Ralph R.	10.00	Kroeger, Henry.	20.22
Kneass, Geo. W.	23.00	Kroll, Henry.	4.50
Kneeshaw, J. C.	9.75	Kroessin, Louis.	62.00
Knibel, D.	35.00	Kroger, Mrs. H.	.75
Knief, Arthur F.	27.50	Kroger, Henry A.	10.75
Knight & Embling.	10.00	Krohn, H. A.	358.55
Knight, F. S.	19.00	Krohn, W. H.	15.00
Knight, Geo. H.	5.61	Kroncke Hardware Co.	4.28
Knight & Bro., H. D.	25.80	Kroncke Hardware Co., H. G.	30.31
Knight, H. S.	2.75	Krowl, Wm.	13.50
Knight, Louis.	8.50	Krug, Robert H.	22.00
Knipp & Sons, John C.	1.75	Kruger, Theodore.	56.25
Knoch, Alexander.	2.55	Krummer, Peter.	8.35
Knowles, Chas. G.	30.00	Krumperman, John.	63.05
Knowles, E. O.	8.75	Kruse, Chas. J.	1.00
Knowles, S. H.	16.35	Kubler, Frank.	1.00
Knowles, W.	1.37	Kuehl, D. H.	120.00
Knowles, Wm. H.	30.00	Kuehn, P. J.	18.00
Knox Corbett Lumber Co., J.	2.35	Kuester, M. J.	3.80
Knox Express Co., The Geo. W.	217.44	Kuhn, E. E.	1.25
Knox, Rube.	2.50	Kuhn, H. G.	1.00
Knox Co., S. H.	1.00	Kuhn, W. C.	43.88
Kny-Scheerer Co., The.	1.80	Kuhn, Will.	3.00
Koch, Alfred.	1.50	Kuhnhausen, Aug.	11.79
Koch, John.	1.00	Kuhnhausen, Edw.	64.35

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kuhnhausen, H. W.	\$28.40	Lampe, Ed.	\$1.12
Kumelty, Richard	3.75	Lampinen, Robt.	6.60
Kumler, A. N.	42.50	Lampman, C. L.	10.10
Kumpula, A. G.	19.00	Lampman, Oscar	15.05
Kumpula, Gust.	42.00	Lancaster, Fred G.	5.25
Kunshaw, R. D.	3.00	Lancaster, J. L.	1.40
Kuratoni, P.	5.75	Land, C. E.	4.50
Kutzen, Jake.	21.00	Land, Floyd	1.75
Kupfer, Theo.	95.63	Lander Electric Improvement Co.	3.75
Kurtz, Frank W.	9.00	Lander Furniture & Hardware Co.	158.17
Kurtz, L. S.	17.50	Landerholm, A. W.	3.50
Kusey, J. J.	212.88	Landon, William	2.00
Kyle, Roy.	12.50	Lane, C. E.	5.90
Kyle & Sons, Wm.	47.22	Lane, C. M.	48.60
Kyle, Wm. E.	4.50	Lane, Fred.	4.80
Kyler, Mrs. Wm.	17.50	Lane, J. G.	24.00
La Bandera Americana	4.40	Lane, L.	33.80
Labertew, Chas.	17.33	Lane, Robert F.	3.00
Labio, Elahio	27.25	Laney, Leslie.	16.50
Labio, Paciundo.	23.25	Laney, Louis.	3.50
Lacey, James	5.50	Laney, W. S.	6.00
Lachambre, Theo.	52.25	Laney Manufacturing Co., F. S.	83.29
La Charity, Dan.	5.12	Lang, S.	3.25
Lacher, T. F.	5.59	Lange, Harold	60.00
La Cienega Land & Cattle Co.	7.00	Lange, H. B.	17.50
Ladd, L. E.	14.85	Lange Launch Co., M.	18.80
La Dow & Peterson	17.50	Langer, E.	6.00
Lady, Wesley.	11.00	Lanigan, W. L.	28.43
Lafer, Harry A.	15.75	Lanning, H. E.	2.50
La Foe, Louis.	12.60	Lanphere Htrichs Co.	7.00
La Font, D. C.	10.00	Lansburgh & Bro.	127.84
La Forge, Alvin.	21.46	Lansburgh Furniture & Carpet Co., The Julius	77.70
Lafount Hardware Co.	55.30	Lansdon, Robert.	5.20
Lagan, David	2.00	Lansing, Wm.	6.00
Laggett, Roy.	3.00	Lantis, A. M.	3.00
La Grange Mining Co.	7.50	Lantis Bros.	30.28
Laing, David	5.00	Lapp Co. (Ltd.), O. C.	37.24
Laing Hardware Co.	176.10	Larabee, J. S.	1.25
Laird, A. J.	39.50	Laramie Grocery Co.	79.27
Laird, H. A.	32.35	Laramie, Hahn's Peak & Pacific Ry. Co.	10.00
Laird & Kerlee	2.40	Laramie, Napoleon.	3.00
Laird, Ross	14.50	Laramie Republican	3.64
Laiti, Sakri.	6.60	La Revista de Taos.	4.76
Laitila, Matt.	6.00	Larcom, J. W.	6.40
La Jara Chronicle	2.66	Large, Wm. H.	7.50
Lake & de Belloy	198.99	Largilliere Co.	.80
Lake, D. S.	6.00	Larimer Lumber & Provision Co.	1.50
Lake, R. W.	26.29	Larios, Angelo	7.25
Lake Chelan Boat Co.	9.00	Larios, B. B.	20.00
Lake Chelan Box Factory	.24	Larios, David.	2.25
Lake City Hardware Co. (Ltd.)	58.90	Larios, Philip.	6.00
Lake City Times.	8.49	Larios, Theodore.	6.00
Lake County Examiner	3.25	Larsen, Clarence.	35.70
Lakeside Store.	35.48	Larsen, C. E.	21.15
Lake Tahoe Ry. & Transportation Co.	52.89	Larsen, Henry.	45.00
Lakeview Herald.	2.50	Larsen & Hoff.	26.00
Lakeview, Hotel.	62.19	Larsen Hardware Co., N. A.	2.30
Lakeview Land & Lumber Co.	4.56	Larsen & Kelly.	21.38
Lakeview Mercantile Co.	98.19	Larsen, Lars A.	6.40
Lallie Surveying Instrument & Supply Co.	104.90	Larsen, Lanor.	24.50
Lamb-Davis Lumber Co.	12.75	Larsen, Louis C.	19.75
Lamb, Edward.	160.00	Larsen, Louis T.	50.00
Lamb & Tilden.	773.35	Larsen, Mrs. R.	3.00
Lamb, Wm. A.	112.00	Larson, A. P.	15.75
Lambdin, L. S.	21.00	Larson, Charles.	16.50
Lambert, F.	12.60	Larson, Eric.	3.00
Lambert, Paul.	2.50	Larson, J. A.	6.00
Lambert, William.	10.00	Larson, L. F.	18.00
Lambie Co., James B.	19.67	Larson, Margaret.	18.60
Lamberg, Swan.	5.00	Larson, Niles G.	42.50
Lannen, Chris.	13.75	Larson, A. E.	9.88
Lamey, B. J.	13.50	Larson, A. H.	3.50
Lampe, Arthur.	3.60		



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Larson, R. D.	\$25.00	Leahy, Fred.	\$2.40
Larson, Sam.	3.00	Leahy, R. J.	8.00
Larson, W. M.	7.20	Lear Bros.	5.00
Larter, Will.	20.00	Leatherman, C.	1.00
La Rue, Charles M.	15.00	Leavenworth Echo.	2.20
Lasater, G. B.	60.00	Leavenworth Furniture & Hardware Co.	82.10
Lasky, Jos.	21.00	Leavenworth Meat Market.	17.60
Las Vegas Improvement Co., The.	10.00	Leavenworth Mercantile Co.	10.00
Las Vegas Lumber Co.	11.05	Leavitt, Elsie E.	100.00
Last & Thomas.	26.35	Lebrun, Chas.	5.25
Laterreur, J.	49.50	Le Chenelwant, Victor.	18.75
Latham, S. J.	5.00	Leckenby, Dan M.	3.00
Latherwood, R. N.	105.20	Ledbetter, H. H.	26.00
Lathrop, L.	9.60	Ledbetter, W. C.	22.00
Latich, Mike.	3.30	Ledford, Geo. R.	46.12
Latich, Tom.	3.20	Ledford, Marion G.	1.62
Latimer, J. W.	20.00	Ledger Publishing Co.	3.50
Latona, Richard.	40.00	Ledgerwood, D.	12.00
Laub, Burney.	3.00	Ledgerwood, E. F.	35.00
Laub, C. H.	3.75	Lee, Alfred G.	7.50
Lauenstein, W. P.	10.00	Lee, Mrs. Anna.	10.31
Lauer & Sons, E.	274.61	Lee, Carl.	2.75
Laufman, Jonas W.	53.00	Lee, Chester.	23.00
Laughen, H. C.	1.25	Lee, Frank.	29.50
Laughlin, Ben.	25.00	Lee, Gabriel.	10.80
Laughlin, John M.	100.67	Lee, James.	6.00
Laughb, Arthur.	9.90	Lee, Joe.	3.90
Laurance, I. R.	36.62	Lee, John R.	5.00
Laurenti, Joe.	6.60	Lee, J. S.	7.40
Laurie, Lester.	25.00	Lee, L. G.	84.65
Laury, J. J.	30.00	Lee, Loyetta.	5.00
Lavendra, A.	12.50	Lee, Norman.	15.00
Lavier, Charles.	2.50	Lee, N. H.	80.00
La Voy de Pueblo.	3.75	Lee, O. E.	2.00
Lawrie, Ed C.	35.00	Lee, S. F.	16.00
Law, George.	90.00	Lee, Tom W.	7.50
Lawfifer, W. F.	2.00	Lee, Willard.	9.50
Lawhead, Louis.	24.25	Lee, Will.	1.25
Lawlor, Mike.	8.70	Lee, Wm.	1.25
Lawrence, Chas.	8.75	Lee, Wm. R.	7.30
Lawrence, Clarence.	33.80	Lee, W. N.	1.05
Lawrence, D. T.	.75	Lee, W. R. E.	15.00
Lawrence, Edith.	7.50	Leece & Watterson (Inc.).	84.30
Lawrence, Elec.	.75	Leeder, M. V.	5.30
Lawrence, E. P.	2.20	Leek, S. N.	39.37
Lawrence, Frank.	15.50	Lees Taylor Lumber Co.	9.97
Lawrence Co., Geo.	46.45	Leess, H. V.	9.25
Lawrence, H. C.	4.68	Leess, J. P.	222.95
Lawrence, J. D.	5.14	Leese, M. A.	407.55
Lawrence, L.	3.40	Leese, Ranger H.	30.00
Lawrence, Robert.	3.19	Leese, Charles N.	2.50
Lawrence, Thomas.	3.75	Le Fevre, G. C.	15.50
Lawrence, W. F.	1.60	Lefevre, John.	47.00
Lawrence, Weber.	1.25	Le Fevre, Jr., Wm.	18.00
Lawrence, W. J.	7.95	Lefingey, J. J.	19.00
Lawson, D. V.	15.00	Leflang, Walter G.	41.25
Lawson, Helen.	12.86	Leftwich, U. H.	13.00
Lawson, J. H.	3.00	Legat, C. E.	34.68
Lawton & Sons, A. J.	7.70	Legate Bros.	7.50
Lay, E.	20.00	Legault, Mrs. Matt.	21.35
Lay & Co., J. D.	48.93	Leggett, John.	53.75
Lay, Louis.	33.87	Leggett, Robert.	22.50
Lay, Newton.	15.00	Leggett, N. H.	6.00
Lawyers' Cooperative Publishing Co.	82.00	Leichtle, Moritz.	19.73
Layton, J. C.	12.71	Leigh, S. M.	40.00
L-D Store Co., The.	464.10	Leisenbitt, Joseph.	5.25
Lea, Chas.	75.00	Leister, J. M.	7.00
Leach, Geo.	25.15	Leith, Ernest.	32.90
Leacock, A. C.	47.87	Lekie Sheep Co.	15.00
Lead Daily Call Co.	4.20	Lemhi Herald, The.	45.83
Leadore Meat Market.	9.70	Lemon, Clarence.	19.50
Leadville Publishing & Printing Co.	4.80	Lemmon, E. D.	141.88
Leaf, E. R.	15.00	Lemmons, Oscar.	33.00
League, J. N.	62.96		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lemp, Herbert	\$9.50	Lincoln Hotel	\$40.55
Lenninger, Wm.	4.00	Lincoln Tent & Awning Co.	7.00
Lentz & Sons, Charles	19.80	Linck, H.	9.00
Lenz & Lossau	3.75	Lind, Ed. J.	30.00
Leonard Co., The	36.95	Lind, J.	6.35
Leonard, Allen J.	13.35	Lindahl, Swan	19.25
Leonard, H. R.	1.50	Linde, Charles W.	40.00
Leonard, Jesse	22.00	Lindemeyer, Philip	255.05
Leonardson, A. J.	27.23	Linderman, Charles	12.00
Lepher, George	2.40	Lindgren, Theresa	1.90
Leranger, O. A.	24.00	Lindhief, Chas.	33.20
Lernerux, Joe	11.55	Lindhief, G.	12.00
Lerwill, Walter	2.50	Lindley, E. D.	4.08
Lesley, Albert	18.00	Lindquist, John	5.00
Lesmsky, Co., H.	23.10	Lindren, Peter	2.00
Lester, Brice	8.13	Lindsay & Co. (Ltd.)	8.17
Lester, Fred	12.00	Lindsay, Charles	5.50
Lester, George	108.00	Lindsay, Melville D.	.80
Lester, H.	40.00	Lindsay, William	1.25
Lester & Co., Jas. R.	7.67	Lindsey, F. D.	2.75
Lester, S. A.	27.30	Lindsey, G. A.	9.22
Levassor, Mike	3.75	Lindsey, Hughes	20.00
Leve, Walter H.	15.00	Lindsey, Lillian	27.50
Levi, Gus	43.50	Lindsley, Ed.	9.00
Levi, Ralph	60.00	Linton, Harold	4.50
Levielle, Jean	8.75	Linzy, George	3.00
Levine, David	5.00	Linzy, Greene	3.00
Lewis, Arthur	8.75	Linzy, John	3.00
Lewis, Bert R.	32.00	Lipe, C. O.	7.50
Lewis, C. G.	4.25	Lippert, Chas. E.	36.00
Lewis, C. K.	22.00	Lippincott & Warner	97.20
Lewis, C. W.	29.25	Lippy, Charles	13.43
Lewis, Charley	6.00	Lister, J. W.	9.40
Lewis Drug Co.	3.95	Listor, C.	1.25
Lewis, D. S.	12.00	Listor, A. C.	3.75
Lewis, E. C.	24.00	Lithgow, H. S.	22.25
Lewis, Frank E.	30.50	Little, Andy	69.60
Lewis, Fred	7.00	Little, A. F.	60.00
Lewis, Geo. D.	24.01	Little, George D.	26.67
Lewis, Geo. W.	69.00	Little, J. C.	10.00
Lewis & Hanna	127.45	Little, J. E.	2.50
Lewis, James A.	4.50	Little & Co., Larry	25.50
Lewis, J. L.	22.82	Little, P. H.	28.00
Lewis & Co., J. S.	6.50	Little, W. M.	87.00
Lewis, Loralne L.	37.00	Little-Wetsel Co., The	24.90
Lewis, O. K.	13.00	Little Pipestone Dairy & Mercantile Co.	32.45
Lewis, Percy	3.30	Little Mission Telephone Co.	15.00
Lewis, Ralph	2.40	Littlepage, J. D.	13.50
Lewis, R. H.	17.75	Littleton, Rose	75.00
Lewis, H. Warden	3.50	Littlewood Machine Co.	2.15
Lewkowitz, J.	4.80	Live Stock and Dairy Journal, The	.75
Lewtz, J. W.	58.25	Livesay, George W.	13.65
Ley, Fred W.	40.00	Livingston Enterprise, The	15.90
Libby, James	3.37	Livingston, G. C.	52.19
Libby Meat Co.	85.18	Livingston, James	128.45
Libby Realty Co.	5.00	Livingston Post	4.80
Liben, Joseph J.	33.25	Livingston, Tom	4.05
Library Bureau	171.10	Livingstone, L.	4.50
Liddiard, A. H.	14.00	Loasby, Geo. A.	34.06
Lietz Co., The A.	257.00	Locke, E. T.	10.50
Lieurance, Wm. H.	65.00	Locke, S. B.	50.00
Lievrecht, John H.	1.75	Locke, W. D.	132.00
Light & Harrow	24.00	Locker Lands	6.60
Light Inspection Car Co.	290.00	Locks, Ben.	8.50
Lightning Express Co.	7.00	Lockwood, H. B.	25.00
Likely, C. H.	6.50	Lockwood Trade Journal Co.	16.00
Liles, Geo. F.	5.40	Lofland, George	1.75
Liles, H. B.	4.20	Lofland, J. M.	1.75
Liles, J. B.	3.30	Loftin & Co., C.	9.65
Lilley, W. H.	7.70	Loftus, J. F.	2.50
Lillick, F. I.	12.00	Logan Book Store	1.00
Lilly, F. L.	12.75	Logan, Charles	6.25
Lily Co., Chas. H.	85.34	Logan & Bros., F. S.	39.50
Lincoln County Transportation Co.	7.00	Logan, G. F.	5.00
Lincoln, Fred S.	369.20		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Logan, James.....	\$6.75	Lubeck, Harold.....	\$94.50
Logan, J. T.....	9.00	Luce's Press Clipping Bureau.....	232.81
Logan Novelty Shop.....	10.00	Lucero, Antonli G.....	6.00
Logue, D. W.....	11.25	Lucero, Eliseo.....	4.50
Logue & Bro., F. S.....	195.09	Lucero, Filomeno.....	12.50
Lolo Trading Co.....	36.00	Lucero, Jose.....	4.00
Lonallen, Jada.....	10.50	Lucero, Lorenzon.....	20.78
Long, A. I.....	12.00	Lucero, Pelajo.....	10.00
Long, Charles A.....	7.50	Lucero, Ros.....	6.00
Long, D. W.....	120.00	Luckow Laurence.....	1.25
Long, Edward.....	64.42	Lucus, J. D.....	6.00
Long, Harold.....	6.13	Lude, Christian.....	18.00
Long, Harry H.....	10.00	Ludeman, N. A.....	5.95
Long, John W.....	23.00	Ludlow, Charles.....	1.25
Long, M. N.....	1.75	Ludy, John.....	85.50
Long, Roy A.....	53.75	Lufkin Rule Co., The.....	42.00
Long, T. J.....	4.00	Lugo, Remijo.....	5.50
Long, Wm. M.....	58.43	Luigen Felter, C. H., jr.....	2.45
Long, Mrs. W. D.....	3.00	Lujan, J. Y.....	36.00
Long Creek Ranger.....	6.50	Luken, John.....	7.50
Long Valley Advocate.....	6.50	Lukens, Charley.....	1.25
Longawa, F. J.....	3.95	Lukens, Walter.....	1.25
Longway, C. E.....	15.25	Lumbard, G. W.....	6.50
Loomis, C. P.....	3.00	Lumber Trade Journal.....	6.00
Loomis, E. C.....	26.50	Lumberman Publishing Co.....	2.50
Looney, T. J.....	3.50	Lumsden, D. A. M.....	23.00
Loosley, Bird.....	11.50	Lund, Andrew.....	22.00
Lopez, Alberto.....	13.00	Lund & Co., B. J.....	5.20
Lopez, Amado.....	20.50	Lund, David.....	6.00
Lopez, Frank.....	12.50	Lund, Emil.....	11.25
Lopez, J.....	29.00	Lund, John.....	7.00
Lopez, Luis.....	3.75	Lund, Marion.....	1.75
Lopez, Manuel.....	17.00	Lundberg, Alex.....	6.00
Lopez, Raymond.....	1.50	Lundgren, G. F.....	18.75
Lord, W. H.....	88.50	Lundin, John W.....	77.40
Lorenti, John.....	6.60	Lundy, Henry.....	98.25
Lordsburg Lumber Co.....	3.30	Luning, W. F.....	10.00
Lortz, C. E.....	21.25	Lumkenheimer Co.....	58.36
Losch Bros. Grain Co.....	13.75	Lupton, Irving.....	5.25
Losey & Dexter.....	39.85	Luscher, Henry.....	5.00
Losh, Fred.....	71.75	Luse, Jas.....	99.00
Loss Co., J. P.....	9.50	Lutey Bros.....	625.60
Lost River Commercial Co.....	181.12	Luthin, R. H.....	40.45
Lott, Peter.....	34.35	Luttge Bros.....	5.00
Loud's Sons Co., H. M.....	6.22	Lutz, Carl.....	40.00
Lousberg, F. W.....	6.87	Lutz, E. J.....	20.00
Love, F. W.....	10.00	Lutz & Co., H.....	45.54
Love, Headley.....	11.00	Lyells, J.....	410.00
Love, John.....	42.00	Lyman, Jas.....	2.40
Love, Mrs. John.....	12.00	Lyman & Son, T. K.....	244.25
Love, Nannie.....	12.00	Lynch, D. D.....	51.78
Lovejoy, O. L.....	83.33	Lynch, J.....	14.00
Lovelace, Byron O.....	27.01	Lyng, Alice J.....	90.00
Lovelace, S.....	5.00	Lynn, J. W.....	6.00
Loveland Auto Co., E. P.....	4.00	Lynn, Lloyd.....	2.50
Loveland Reporter Publishing Co.....	7.99	Lynn, Oscar.....	60.00
Low, D. E.....	6.40	Lynn, Ross.....	68.25
Lowdermilk & Co., W. H.....	59.45	Lyon, Allen R.....	1.60
Low, George P.....	20.50	Lyon, D. W.....	3.25
Lowe, Ben.....	39.00	Lyon & Garrett.....	107.39
Lowe, Frank.....	8.75	Lyon & Irwin.....	12.00
Lowe & Co., Geo. A.....	1,345.57	Lyon Metallic Manufacturing Co.....	73.68
Lowe, H. G.....	6.00	Lyon, Proctor.....	3.96
Lowe, Leta E.....	20.00	Lyon, Robert G.....	80.00
Lowell, A. C.....	3.25	Lyons Implement Co.....	196.00
Lowell, Henry.....	5.60	Lyons, W. W.....	60.00
Lowell, L. C.....	10.95	Lytle, E.....	17.10
Lowell Meservey Hardware Co.....	583.98	Lytle, George H.....	15.00
Lowman & Hanford Co.....	31.83	McAdams, John.....	2.70
Lowry, D. A.....	20.00	McAbee, John L.....	15.00
Lowry & Shaw.....	1.00	McAdams, Robert.....	2.00
Lucas, George.....	58.00	McAdams, W. F.....	1.00
Lucas, John.....	1.75	McAllister, F. M.....	7.50
Lucas, Lester.....	3.00	McAllister, Cora.....	12.00
Lucas, T.....	6.30	McAllister, Dellos R.....	48.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
McAllister, E. J.	\$120.00	McConnel, W. H.	\$9.00
McAllister, J. A.	27.80	McCormick, C. H.	3.90
McAllister, J. R.	47.25	McCormick, C. W.	2.40
McAllister Lumber & Supply Co.	5.98	McCormick, H. H.	13.00
McAllister, W. J. F.	3.75	McCormick, J.	91.30
McAnally, C.	46.00	McCormick, J. H.	24.00
McArthur, Mathew	10.50	McCormick, James P.	182.00
McArthur, D. W.	5.00	McCormick, L. L.	31.50
McArthur, F. W.	33.00	McCormick, M.	47.50
McArthur, Jack.	29.00	McCormick, Roger	8.10
MacBeath, William	250.00	McCormick-Saeltzer Co., The	67.20
McBride, J. M.	23.00	McCoy, Chas.	115.00
McBride, M.	50.00	McCoy Creek Mines Co.	28.70
McBride, M. F.	14.45	McCoy, D.	52.41
McBride, W.	10.00	McCoy, Frank	12.50
McBride, Wm.	3.55	McCoy, Sylvester	175.39
McBriety, M. J.	19.00	McCoy & Co., W. M.	46.82
McBroom, R.	67.50	McCray, A. M.	10.00
McBryde, John D.	127.50	McCray, Jesse	375.00
McCabe Construction Co.	7.11	McCreary, A. M.	39.00
McCabe, C. E.	12.75	McCreery, L. N.	40.00
McCabe, E. L.	19.75	McCue, Harry	375.00
McCabe, James	10.75	McCuiston, Gwynn	11.25
McCain, S. B.	17.99	McCuiston, Robert	4.35
McCalister, L. L.	2.88	McCullough, Joseph	30.00
McCall, B. B.	40.00	McCullough, S. G.	4.50
McCall, C. R.	49.51	McCullough, W. C.	78.00
McCall, James D.	33.30	McCully Mercantile Co.	12.25
McCall, Thomas	16.00	McCurdy, H. I.	2.00
McCallum & Cloutier Mercantile Co.	360.91	McCurdy, James	18.75
McCamoren, Archie	2.40	McCurry, M. L.	3.00
McCammon, Banner	3.90	McCutcheon, S.	3.90
McCanley & Terry	108.85	McCutcheon, W. H.	60.00
McCann, J. E.	50.00	McDaniel, Frank	25.00
McCann, J. W.	118.30	McDaniel, J. C.	60.60
McCann, Lenington	22.72	McDee, L.	6.00
McCann, S.	24.50	McDermott, Geo.	2.00
McCarthy, D. B.	24.05	McDermott, J.	74.00
McCarthy, J. E.	8.75	McDermott, Wm.	2.50
McCarthy, Michael	5.00	McDonald, Archie	4.50
McCarty, J.	26.75	McDonald, A. L.	10.00
McCanley, James	7.50	McDonald, B.	25.00
McCaw, Wallace	12.27	McDonald, C. R.	2.50
McCay, H. B.	17.18	McDonald, Dan.	77.75
McClain, B. W.	49.60	McDonald, D. N.	3.95
McClain, James	15.00	McDonald, E. C.	17.10
McClanahan, Josephyne	50.00	McDonald, Ellen	120.00
McClaren, J. W.	1.00	McDonald, Ed. V.	34.50
McClaren, W. F.	10.45	McDonald, Frank R.	82.50
McClasky, E. B.	10.50	McDonald, Floyd	8.70
McClellan Bros.	5.57	McDonald, Fred	1.20
McClelland, C. A.	3.00	MacDonald, Geo. M.	1.62
McClelland, Oather	2.25	MacDonald, Hazel	7.75
McClellan, W. C.	60.00	McDonald, J. F.	7.00
McClement, John	6.60	MacDonald, J. H.	27.75
McClintock, John S.	6.10	MacDonald, John	40.25
McClosky, Chas.	.75	McDonald, John	33.33
McCloud, George	55.00	McDonald, Leo	4.50
McCloud, George G., jr.	32.50	MacDonald, Leslie	1.49
McCloud Hotel	5.50	McDonald, Norman	4.50
McCloud, John	4.00	McDonald, P., Estate of	183.30
McCloud Livery Stable	19.75	Macdonald, Robt.	.62
McCloud River Lumber Co., The	965.07	McDonald, S. R.	3.75
McCloud River R. R. Co.	34.24	McDonald, Wiley	14.62
McCloud, Ross A.	168.00	McDonnell, Frank	1.50
McClung, Frank	5.00	McDonnell, Oscher	1.50
McClure, Ben	266.51	McDonough, George	16.48
McClure, C. J.	171.80	McDonough, W. C.	78.00
McClure, Richardson Mercantile Co.	96.93	McDougal, Daniel	100.00
McClure, W. G.	16.00	McDougal, James H.	15.00
McColloch, J. W.	24.00	McDougle, A.	1.50
McComghy, W.	12.75	McDowell, Olgie	39.00
McConnell, F. J.	225.76	McDuffey, Arthur F.	10.00
McConnel, Floyd	28.00	McDugal, Elie	9.50
McConville, Hugh	6.00	McEdward, Duncan	11.00

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
McElfresh, O. H.	\$25.05	McKenzie, Chester	\$4.50
McElroy, Philip	4.20	MacKenzie, C. F.	24.20
McEntire, J. B.	10.25	McKenzie, Roy	63.00
McEntire, John W.	35.00	McKenzie, Victor	14.00
McEvers, Ruben	32.67	McKerrick, C. A.	60.90
McEwen, Wm.	17.50	McKillican & Mobley	1.80
McFadden, John	17.20	McKinley, C. D.	46.53
McFadden, William	9.50	McKinney, William	5.25
McFarland, Harry	3.25	McKinnon, A.	25.00
McFarland, Harry, Jr.	3.25	McKinnon, H. A.	3.00
McFarland, Leo B.	10.00	McKinsey, Geo. E.	90.81
McFarland, W. A.	29.50	McKinsey, H. C.	87.45
McFarlane, C.	7.50	McKinsey, Wm.	5.00
McGaffee, A. S.	10.00	McKinsey, W. O.	11.87
McGahan, G. T.	8.75	McKnight & Co., J. M.	36.34
McGarry, Harry	11.00	McKnight, J. N.	31.70
McGee, Carl P.	3.50	McKune, C. E.	2.34
McGee, Ed.	21.00	McKune & Wallace	40.42
McGee, Ellis	7.20	McKuskie, John	9.31
McGee, J. E.	28.75	McLain, George	3.94
McGee, J. W.	.90	McLain, Louis H.	10.85
McGettigan, Mrs. L.	54.00	McLain, M. L.	3.94
McGhee, Joseph	6.50	McLaren, W. W.	71.34
McGhie, Wm. M., sr.	19.50	McLaughlin, C. W.	48.49
McGill, Chas.	8.70	McLaughlin, E. V.	161.00
McGill, J.	2.50	McLaughlin, James L.	211.84
MacGillivray, R. W.	25.35	McLaughlin Tie & Timber Co.	7.60
McGinnis, S. C.	6.00	McLean, John	10.80
McGinnis, William	35.00	McLean, A. H.	89.27
MacGlashan, C. P.	13.75	McLean, D.	6.50
McGlochlin, A. J.	25.75	McLean, Furman	10.00
McGlothlin, Walter	3.50	McLean, J. D.	30.90
McGough, W. G.	3.00	McLean, L. A.	1.80
McGovern, P.	7.50	McLean, Omar G.	6.00
McGowan Cone Co.	141.27	McLean, Thos. R.	2.50
McGowan, Roy	1.20	McLean & Co., U.	15.00
McGown, John	17.80	McLellan, H.	14.50
McGown, Mathew	11.55	McLellan, Mrs. H.	36.16
McGrade, T. J.	57.50	McLellan, P. M.	487.50
McGraw, Joe	53.75	McLendon, Alex.	21.00
McGraw Publishing Co.	18.00	McLeod, Frank	10.62
McGregor, Donald B.	142.55	McLeod, Jas.	2.00
McGregor, Robert	3.75	McLeod, Jere D.	1.50
McGregory, James	3.00	McLeod, John	68.25
McGrew, L. W.	15.00	McLeod, J. R.	12.80
McGuiffey, A. J.	13.65	McLeod, R. R.	48.00
McGuinness, J. B.	37.00	McManis, A. H.	23.00
McGuire, J. W.	89.78	McMann, J. W.	25.13
McGuire, Walter	2.80	McMillan, A. J.	3.00
McHaffie Bros.	31.95	McMillan, Jas. M.	4.90
McHaley, E. R.	15.20	McMillan, J. P.	107.50
McIlroy, W. E.	47.95	McMillan, Verde	256.50
McIntire, J. H.	7.50	McMillan, Watt	44.25
McIntosh, E. D.	180.02	McMillan, Wm. C.	25.00
McIntosh Hardware Co.	206.43	McMillen, Earl	8.75
McIntosh, Robert	92.00	McMillen, L. J.	31.05
McIntyre, L. P.	15.50	McMillin, Alice	14.00
McIntyre, Mathew	21.00	McMonies & Co., W. H.	12.50
McIsac, Henry	3.00	McMullen, George	15.28
MacKay, Alex. J.	20.00	McMullen, W. M.	1.65
McKay, A. D. C.	12.70	McMullin, C. E.	45.55
McKay, George	15.00	McNab, A. J.	32.00
McKay, Lee	19.37	McNall, W. T.	24.98
MacKay, Wm.	17.90	McNally, R. E.	33.63
McKee, Carr & Co.	4.75	McNamar, Fred	25.38
McKee, E. E.	5.00	McNatt, J. H.	11.25
McKee, Elijah R.	56.50	McNavy, John	2.50
McKee, Ray	18.75	McNeal, Al.	5.00
McKee Surgical Institute Co.	7.45	McNealey, J. H.	4.50
McKeen, Hugh	95.65	McNee, Robert	1.75
McKelvey, Edward	25.00	McNeel, Fred R.	15.00
McKelvey, George C.	8.00	McNeil, Archibald	18.52
McKenney, Thos.	28.00	McNeil, Ben.	3.50
McKenzie, Colin	1.75	McNeill, Mrs. Maggie	.99
McKenzie, Charles	26.98	McNeill, N. G.	.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
McNew, J. B.	\$6.00	Main, Mrs. Jessie	\$18.00
McNicholl, John M.	109.15	Main, R. W., Mercantile Co.	380.81
McNish, J.	35.20	Main, W. B.	31.59
McNown, Chet.	1.80	Mairs, H. F.	8.00
McNown, Ralph.	12.60	Maistas, Leandro.	16.28
McNutt, H.	35.00	Malwald, Jos.	.90
McPhee & McGinnity Co.	762.22	Major, O. L.	181.20
McPherson, J. C.	11.40	Majors, H. P.	42.20
McPherson, J. W.	10.00	Malad Cooperative Co.	5.55
McPherson, Mrs. Mary A.	30.50	Malano, Antone.	6.60
McPherson, Silas.	24.83	Malchan, John.	40.00
McPheters, L. C.	7.00	Malcolm, William.	82.50
McQuarrie, H. A.	29.00	Malkson, Bennie.	2.00
McQueary, M. G.	5.00	Mall, Arthur.	6.60
McQueen, Alexander.	100.00	Mallinckrodt Chemical Works.	5.17
McRae & Cluston.	6.00	Mallory, C. L.	15.00
McRae, John G.	8.50	Mallingren, Chas. A.	5.00
McShane, David.	41.50	Malmgren, Henry.	30.00
McShane, J. D.	4.00	Maloney, Peter J.	9.50
McSherry, Chas. W.	45.00	Maloney, P. W.	12.25
McSparron, Beddow Co., Wm.	33.70	Maloy, Cecil.	3.75
McTavish, H.	24.00	Malvido, Rutilo.	13.00
McWain, Chas.	2.00	Manas, Tony.	9.00
McWerte, R.	7.50	Mancos Mercantile Co.	53.54
McWilliams, Thos.	55.00	Mancos Times-Tribune Co.	9.43
Maage, T. J.	16.00	Mandeville, J. J.	66.60
Maas, Delas.	3.00	Mandeville, P.	11.00
Macabee, Z. A.	4.00	Mandlin, M. L.	36.25
Macardel, James A.	90.00	Manfull, Lilian J.	12.30
Macbeth-Evans Glass Co.	15.20	Manhart, H. J.	76.40
Mace, Chas. A.	7.00	Manhattan Electrical Supply Co.	29.95
Mace, George G.	73.50	Manhattan Pioneer Stables.	40.00
Mace, Wandle H.	42.50	Manhattan Union Extension Co.	4.00
Macfarland, Samuel A.	20.60	Manitou Incline Ry. Co.	198.64
Machardo, Jesus.	21.75	Mann, B. B.	1.00
Macht, H. C.	32.59	Mann & Christensen.	16.00
Mack, W. B.	6.00	Mann, C. B.	3.53
Mackall Bros.	28.28	Mann, Frank.	160.00
Mackay & Central Idaho Stage Co.	263.38	Mann, Pink.	2.40
Mackay, George.	24.00	Mann, Walter G.	13.50
Mackay, Hotel.	26.50	Manning Co., C. C.	20.60
Mackay Lumber Co.	26.70	Manning & Son, C. H.	1,422.00
Mackay, Tom.	46.23	Manning, Charles.	34.00
Mackerell, Fred.	22.50	Manning, D. V.	135.35
Mackay Miner, The.	5.20	Manning, John.	39.00
Mackey, Thomas J.	73.75	Manning, Maxwell & Moor (Inc.)	435.00
Mackie, George.	9.00	Manning, Robt. B.	6.00
Madden, Dan.	98.80	Manoy, Ygnaflo.	.62
Madden, Tom.	17.68	Manoy, Vicente.	.62
Maddison, J. M.	159.60	Mansin, F. P.	10.00
Maddox, R. W.	81.26	Mansfield, James.	12.00
Maddux Bros.	7.30	Mansfield, Murdock & Co.	292.50
Madera Abstract Co.	6.00	Manti Messenger.	2.60
Madera Sugar Pine Co.	6.75	Mantle, John.	20.00
Madell, Geo.	1.25	Manuel, Norman A.	30.00
Madison Fuel Co.	.60	Manwill, John V.	10.50
Madison Gas & Electric Co.	44.00	Mapes, A. S.	10.00
Madison & Son, J. T.	10.70	Marblemount Mercantile Co.	7.60
Madison Tent & Awning Co.	102.05	Marcerum, William.	82.00
Madisonian, The.	4.00	Marcerum, James.	3.30
Macbrill, Rafael.	38.00	Marey, L. V.	27.00
Maelzer, Julius G.	79.50	Mares, Ralph.	4.50
Maelzer, V.	13.25	Marferding, H. P.	94.45
Magdalena Development Co.	9.00	Maris, H. B.	50.00
Magdalena News.	5.46	Mariscal, Luis.	15.25
Magee, Chas.	103.62	Markey, Frank.	50.20
Magie, Earl H.	4.50	Markle, James.	90.70
Magill & Son, W. F.	40.00	Markley, T. H.	104.75
Magnenson, Carl.	2.50	Marlowe, Grayce.	9.00
Mahan, B. D.	10.00	Marriott, T. K.	60.30
Mahon, James.	86.35	Marsh, Geo. B. (Inc.)	3.75
Mahon, Martha R.	.82	Marsh-Girvine Co.	13.05
Mahoney Bros.	186.91	Marsh, R. E.	50.00
Maler, Andrew.	13.68	Marsh, Wm. W.	6.50
Malt-Wrapper Tube Co., The.	2.50	Marshall, Bertha.	18.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Marshall, Charles.....	\$174.50	Martinez, Maximiliano.....	\$18.00
Marshall, D. N.....	11.45	Martinez, Preciliano.....	1.00
Marshall, H. E.....	24.90	Martinez, Rafael.....	15.25
Marshall, H. H.....	40.72	Martinez, Raymond R.....	19.75
Marshall, James, jr.....	3.37	Martinez, S. A.....	5.75
Marshall, J. L.....	1.75	Martinez, Theo.....	11.50
Marshall, John.....	158.75	Martinson, Peter.....	40.25
Marshall, Lawrence.....	12.00	Marty, Henry.....	348.57
Marshall, Louis.....	1.75	Marvel, Fred.....	3.00
Marshall, Michael.....	2.00	Maryland Agricultural Experiment	
Marshall, M. K.....	18.00	Station.....	115.25
Marshall & Muschart Machinery Co.....	70.00	Maryott, D. W.....	105.25
Marshall Republican.....	6.00	Mashell Coal & Coke Co.....	1.50
Marshall & Higby.....	29.05	Masleska Krsto.....	6.60
Marshall, Virgil.....	12.00	Mason, Gay T.....	18.25
Marshall-Wells Hardware Co.....	609.90	Mason, Oscar.....	16.00
Marshall & Wesley.....	22.00	Massa, Fred.....	36.70
Marshall, W. M.....	5.00	Massey, H. E.....	12.50
Marsters Drug Co. (Inc.).....	4.50	Massey, Sam.....	6.25
Marston, Lea.....	13.00	Massie, Joe.....	17.50
Marten, Lawrence.....	12.90	Massie & Shugart.....	15.23
Marthella, John.....	2.40	Mataio, Jose.....	2.00
Marti, Tomas.....	4.50	Matejka, Joe.....	7.05
Martin, Alf.....	147.75	Matheny, J. G.....	20.00
Martin, Ben P.....	50.00	Mather, M. H.....	2.50
Martin, Chester.....	25.00	Mathers-Lamm Paper Co.....	120.00
Martin, Clifford.....	3.00	Mathes, C.....	13.07
Martin, C. M.....	9.75	Mathews, J. H.....	10.80
Martin, David.....	3.75	Mathewson, C. G.....	168.40
Martin, D. W.....	50.00	Mathis, Wallace.....	161.25
Martin, Edgar.....	15.00	Matson & Co., O. A.....	49.03
Martin, E. W.....	1.00	Matson, Gus.....	112.71
Martin, F. F.....	.50	Matson, John.....	84.55
Martin, F. J.....	2.50	Matson, Matt.....	114.41
Martin & Flanagan.....	5.00	Matsubrayasashi, S.....	7.00
Martin, George.....	26.25	Mattel, Albert.....	10.50
Martin, G. D.....	2.45	Mattel, Frank.....	10.50
Martin, G. H., jr.....	30.96	Matteson, Curtis.....	37.50
Martin, H. A.....	36.60	Matteson, Evelyn.....	21.00
Martin, Henry.....	7.20	Mattfeldt, A. H.....	35.00
Martin, J. H.....	22.20	Mathews, E. L.....	4.00
Martin, Jack S.....	20.79	Mathews, F. B.....	3.50
Martin, Jim.....	24.00	Mathews, Floyd.....	14.00
Martin, John W.....	6.50	Mathews, James.....	12.00
Martin, Joseph.....	30.00	Mathews, L. S.....	56.50
Martin, J. W.....	32.50	Mathews & Matthews.....	1.30
Martin, Lawrence.....	.90	Mathiesen, F.....	2.50
Martin, Lee.....	16.41	Matila, Jalo.....	23.75
Martin, Lucien.....	15.00	Matila, John.....	43.50
Martin, Minnie M.....	5.00	Matila, Mat.....	24.75
Martin, O. F.....	7.50	Mattioda, Baptiste.....	6.60
Martin, Peter.....	8.00	Mattioda, John.....	6.60
Martin, Richard.....	25.00	Mattoon, Guy.....	14.94
Martin, Roscoe.....	197.50	Mattoon, H. J.....	18.00
Martin, R. E.....	32.50	Mattoon, Cliff.....	4.87
Martin, Ray W.....	49.50	Mattoon, J. P.....	4.87
Martin, Samuel.....	29.00	Mattson, Andrew.....	13.00
Martin, Stanley.....	12.90	Mattson, Cliff.....	20.40
Martin, S. W.....	18.12	Mattson, J. P.....	23.97
Martin, Wes.....	8.60	Mattson, Roy.....	1.30
Martin, W. H.....	208.00	Mattson, Victor.....	6.00
Martin, William.....	1.05	Matnz, Juan.....	16.75
Martin, W. C.....	8.85	Matz, Fred A.....	3.50
Martin, Wyatt.....	1.40	Mauer, Herman, jr.....	48.75
Martina, J.....	21.00	Maule, John F.....	4.50
Martines, Marcellus.....	16.80	Maurer, Raymond E.....	67.22
Martinez, Abidon.....	2.00	Mautz Bros.....	259.30
Martinez, Adolfo.....	21.00	Mautz, J. E.....	2.50
Martinez, Antonio.....	1.75	Maxell, D.....	3.00
Martinez, Carlos.....	1.00	Maxfield, J. D.....	40.89
Martinez, Domingo.....	15.25	Maxson, C. N.....	17.00
Martinez, Flavio.....	12.50	Maxson, Edgar.....	3.00
Martinez, Francisco.....	28.75	Maxwell Hotel.....	2.00
Martinez, Jose.....	4.00	Maxwell, W. R.....	15.00
Martinez, Malaquias.....	19.00	May, Andrew.....	5.70

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
May, John.....	\$21.07	Merlin, N.....	\$13.36
May, J. W.....	2.50	Merrill & Co., E. W.....	323.00
May, Loyd.....	1.20	Merrill, Mrs. Lorena.....	3.15
May, Nick.....	75.40	Merrill, Miss M.....	18.00
May, P. J.....	2.25	Merriman, Frank.....	5.50
May, W. J.....	31.73	Merriman, S. L.....	6.00
May & Co., L. L.....	9.25	Merriman, T. T.....	8.00
Mayer, D.....	4.85	Merritt Printing Co., The.....	5.75
Mayer, Fred.....	13.80	Merten, A. S.....	8.25
Mayer Hardware Co.....	86.18	Mertz & Blair.....	7.80
Mayer, L. A.....	33.25	Merwin, Ed.....	20.00
Mayers, Andrew A.....	14.75	Mesa Roosevelt Stage Co.....	11.30
Mayfield, H. B.....	11.00	Mesler, A. Alex., jr.....	5.00
Mayfield, John Y.....	10.80	Messer, Geo. W.....	10.50
Mayfield Storehouse.....	24.00	Messner, H. W.....	15.00
Mayman, T. H.....	3.00	Metcalf & Brund.....	6.05
Mayne, George.....	6.50	Metchal, Bob.....	4.00
Mayo, C. H.....	10.75	Meteer, Ed.....	50.90
Mead, George F.....	93.24	Methow Trading Co.....	10.65
Meador, W. J.....	55.70	Methow Valley News.....	2.20
Meadowcraft, Walter.....	26.43	Metropolitan Printing Co.....	24.70
Meadows, Samuel.....	30.88	Metz, Anton.....	40.00
Meagher Republican.....	4.40	Metzgar, W. R.....	12.38
Mecham, Lee.....	12.75	Metzger, J. E.....	2.50
Mechem, Joe.....	73.20	Metzger, Roy.....	4.00
Medcalfe, R. L.....	5.00	Metzger, W. C.....	53.00
Medford Hardware Co.....	37.60	Meyer, A. R.....	39.35
Medley, Jas. W.....	11.00	Meyer, Barney.....	1.00
Medsker, J. W.....	2.25	Meyer, C.....	10.93
Meegan, Wm.....	120.00	Meyer, Geo.....	4.80
Meehan & Sons (Inc.), Thomas.....	125.93	Meyer, John.....	318.51
Meek Co., W. B.....	106.65	Meyer, Kelley & Co.....	371.67
Meeker, J. B.....	6.75	Meyer & Olson.....	84.40
Meeks, H. S.....	20.50	Meyer, Robt.....	1.00
Meeteetse Mercantile Co.....	19.78	Meyers, C. W.....	42.13
Megan Lumber Co.....	5.50	Meyers, Eugene.....	48.00
Megan, Peter.....	20.00	Meyers, L. A.....	5.00
Meger, Paul.....	16.35	Meyers Mercantile Co.....	179.47
Mehl Hardware Co.....	30.70	Michaelis, W. L.....	126.66
Meier, A. L.....	20.76	Michals, P.....	13.75
Meier, Martin.....	60.37	Michel, I.....	22.02
Meier & Frank Co.....	103.21	Michelsen, N.....	40.45
Meier, Wm. F.....	6.00	Mickelson, Edward.....	7.50
Meigs, C. D.....	127.00	Mickey, Geo.....	23.00
Mienecke, Fred, jr.....	1.50	Middaugh, Arthur.....	.22
Meinert, A. Z.....	2.00	Middle Park Times.....	9.89
Meining Bros.....	400.77	Middlebushier, M. E.....	91.77
Meinig, Paul R.....	323.17	Middlekanff, A. L.....	11.25
Meininger, H. R.....	1.65	Middleton, Mark.....	21.00
Meitzler & Co., Geo. W.....	45.18	Milbourn, H. O.....	58.75
Mejin, Miguel.....	26.50	Miles Co., The A. W.....	559.19
Melany, R. H.....	2.50	Miles & Bro., Billy.....	81.58
Melendez, Juan.....	50.00	Miles, Geo.....	23.10
Melich, Dan.....	6.60	Miles, Ira.....	22.91
Mellinger, E.....	194.45	Miles, O. W.....	4.03
Mellor, Fred.....	3.00	Miles, S. A.....	13.50
Melrose Mercantile Co.....	7.35	Miles & Ulmer Co.....	140.50
Melton, Baxter.....	8.10	Millam, J. E.....	27.50
Melton, Claud.....	2.70	Millar Co., Geo. W.....	90.00
Melton, Geo.....	33.00	Millar, W. N.....	100.71
Melton, John.....	4.50	Millard, V. K.....	7.50
Menard, Ben.....	4.00	Millas, George.....	9.00
Mendoza, A. L.....	1.75	Millbury, W. B.....	6.12
Mendoza, F.....	2.50	Milledge & Pickens Bros.....	15.50
Mendoza, Juan.....	23.25	Miller, Albert E.....	112.04
Menge, Chas. F.....	3.00	Miller, Alf.....	6.00
Menges Pharmacy, The.....	41.55	Miller, A. O.....	4.26
Mengon, Antone.....	18.75	Miller, Arthur.....	2.00
Mennenhall, Sol.....	3.00	Miller, Ashmer.....	15.00
Mentz, Wilko.....	85.75	Miller, Brice C.....	17.75
Menzel, August.....	65.63	Miller Bros.....	210.91
Mercantile Exchange.....	6.00	Miller, Clem.....	32.30
Merchants Transfer & Storage Co.....	5.25	Miller, C. A.....	4.00
Merlin, Dan.....	15.22	Miller-Cahoon Co.....	77.26

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Miller, Chas. S.	\$3.00	Minert, Jessie	\$8.55
Miller, C. L.	40.00	Minifie, Jack	23.75
Miller, D. A.	1.50	Mining & Scientific Press	3.00
Miller, D. L.	93.75	Minnesota State Horticultural Society	1.00
Miller, Edward	21.25	Minnesota, State of	30.00
Miller, E. C.	33.50	Minnick, Lloyd	3.00
Miller, E. J.	84.75	Minnix Co., N. M.	465.05
Miller, Ervin E.	13.87	Minor & Co.	21.71
Miller, F. A.	141.24	Minor, E. D.	22.91
Miller, F. C.	74.12	Minor, Lewis W.	100.00
Miller, Frank	100.03	Minor, L. L.	4.31
Miller, Fred	5.00	Minton, Harry	88.00
Miller, F. J.	113.25	Mio, S.	17.00
Miller, Grady	24.00	Miranda, G.	13.50
Miller & Graham	2.65	Miranda, Arturo	19.25
Miller Co., H. C.	94.52	Mirandi, Cecil	9.00
Miller, H.	9.25	Mirandi, Raymond	12.50
Miller, Herbert	.75	Mires, G. N.	14.98
Miller, H. G.	4.85	Mishella, L. F.	6.75
Miller, Jack	23.75	Missjian, Chas.	4.20
Miller, John	17.90	Missoula Drug Co.	5.00
Miller, J. C.	19.30	Missoula Harness Co.	35.25
Miller, J. E.	13.10	Missoula Ice Co.	7.80
Miller, Jean	1.75	Missoula Light & Water Co.	6.25
Miller, Jessie	1.25	Missoula Mercantile Co.	3,050.28
Miller, John M.	28.62	Missoulian Publishing Co.	101.26
Miller, J. S.	20.95	Mitacheck, George	4.50
Miller, J. W.	14.00	Mitchell, A. D.	55.00
Miller, L. B.	.50	Mitchell, A. E.	97.25
Miller Mercantile Co.	28.75	Mitchell, A. L.	30.25
Miller, M. P.	23.70	Mitchell, Archie	5.50
Miller, N. E.	5.00	Mitchell, Bob	21.00
Miller & Pame (Inc.)	4.46	Mitchell, Chas.	6.60
Miller, Parley	36.00	Mitchell, Clive	75.00
Miller & Pyke Co. (Ltd.)	33.33	Mitchell, Earl	8.00
Miller, R. C.	2.50	Mitchell, Ed.	13.00
Miller, R. S.	185.96	Mitchell, J. D.	7.00
Miller, Sam	16.00	Mitchell, John W.	2.80
Miller & Shiel	9.85	Mitchell, Roy	106.75
Miller, Tom	9.60	Mitchell Sentinel	2.50
Miller, T. E.	60.00	Mitchell, S. R.	6.75
Miller, F. J.	1.50	Mitchell Van & Storage Co.	2.00
Miller, W. B.	1.60	Mitchell, Wilmer	105.00
Miller, W. J.	40.00	Mitchell, Wm. T.	6.00
Miller, W. S.	39.37	Mitcheom, Josh	90.66
Miller, William	17.50	Mizner, M. D.	114.00
Miller, Wm. Duane	13.75	Mjlsness, J. T.	18.75
Millett, A. B.	43.75	Moat, Juan C. B.	5.50
Mills, Abe	220.00	Moauro, Mike	2.75
Mills, B. F.	3.00	Mock, Guy	10.00
Mills, Ed.	29.75	Moclips Transfer Co.	5.00
Mills, Edwin	36.00	Model Grocery Co., The	6.00
Mills, E. E.	3.50	Modern Drug Co. (Ltd.)	5.25
Mills, G. W.	6.50	Modern Grocery, The	7.90
Mills, Harry	3.50	Modoc County Cooperative Assn.	110.25
Mills, James	14.17	Modoc Republican	22.70
Mills, J. C.	58.10	Mochoke, G. E.	147.38
Mills, T. E.	3.75	Moers, Chas. C.	18.00
Mills, W. J.	1.50	Moeser, Charles	40.00
Mills, Wm	1.50	Moffat, A. R.	11.93
Mills, W. M.	4.00	Moffat, Pearl	12.75
Millsaps, R. C.	3.75	Moffatt, M. C.	75.25
Millsbaugh, J. W.	1.50	Moffett, R. J.	24.48
Milne, A. G.	6.00	Mofflar, George	2.50
Milne, D. A.	5.00	Mogollon Mercantile Co.	108.74
Milne & Milne	8.42	Mogollon Stage Line	9.00
Milnor, William	16.75	Moise-Klinkner Co.	30.54
Minchaca, M.	2.50	Molden, Joe	8.50
Minchey, Oliver	2.00	Molenaar, M.	11.00
Mincks, Clifford	12.00	Molique, Harold	5.00
Mine & Smelter Supply Co.	2.25	Molina, Juan	16.75
Minear, J. E.	14.00	Molina, Ustaro	27.75
Miner, Mrs. James H.	70.14	Molina, V.	2.50
Miner, W. R.	9.10	Molla, Sisilia	15.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Mollenbrink, Frank.....	\$1.00	Moore, F. L.....	\$47.10
Moltair, O. J.....	5.00	Moore, George.....	241.97
Monarch Mercantile Co.....	5.80	Moore, Geo. B.....	5.00
Monarch Typewriter Co.....	562.18	Moore-Jackson Grain Co.....	13.15
Mondrignon, Ramon.....	1.00	Moore, Jas.....	2.40
Monger, Sam.....	38.25	Moore, J. C.....	51.00
Monges, F.....	10.00	Moore & Co., J. L.....	30.50
Monitor Valley Stock Farm.....	140.00	Moore, Joe.....	2.00
Monk, E. E.....	9.50	Moore, J. Z.....	10.00
Monk & Co., Geo. H.....	13.45	Moore, Lee.....	.50
Monroe, Claire.....	5.00	Moore, M. C.....	3.00
Monroe, E. W.....	40.00	Moore, N. B.....	18.03
Monroe, F. M.....	1.50	Moore, Reid J.....	69.00
Monroe, James.....	27.00	Moore, Stephen A.....	24.50
Monroe, Merton.....	1.50	Moore, Thos.....	4.25
Monroe, Roy P.....	69.00	Moore, T. W.....	2.40
Monroe, Thos.....	198.00	Moore, V. L.....	2.50
Monrovia Hardware Co.....	2.65	Moore & Co., W. A.....	6.20
Monsen, Peter.....	20.00	Moore, Walter B.....	67.50
Montana, Mrs. Antonio.....	25.80	Moore, William.....	72.00
Montana Anchor Fence Co.....	9.30	Moorman, C. P.....	52.00
Montana Armory.....	50.31	Moorman, Mrs. M.....	19.91
Montana Book Manufacturing Co.....	3.00	Moquino Cash Store.....	23.95
Montana & Central Idaho Stage Co.....	51.33	Morales, Alcario.....	4.00
Montana Coal & Coke Trading Co.....	59.15	Morales, Francisco.....	5.00
Montana Hotel.....	10.00	Moran, James.....	3.00
Montana & Idaho Stage & Forwarding Co.....	47.45	Moran, Thomas.....	54.75
Montana Record Publishing Co., The..	14.35	Morani, Frank.....	13.75
Monte Vista Hardware Co.....	82.70	Morani, Guizepi.....	5.00
Monte Vista Journal.....	2.85	Morehead, John W.....	77.50
Monte Vista Lumber Co.....	31.29	Morehead & Lunn.....	26.35
Monte Vista Milling & Elevator Co.....	166.86	Moreno, Alfred G.....	15.25
Monterey Lime Co.....	23.80	Moreno, Macario.....	26.50
Montes, Porfirio.....	18.25	Morey, S. S.....	4.00
Montezuma Journal.....	1.90	Morgan, Carey O.....	15.00
Montgomery, A. L.....	2.40	Morgan, D. R.....	4.83
Montgomery, Arthur.....	2.40	Morgan, Ed.....	7.50
Montgomery, C. C.....	5.00	Morgan, Harry N.....	8.00
Montgomery, Elmer C.....	30.00	Morgan, Isadore.....	4.50
Montgomery, R. L.....	1.75	Morgan, James.....	1.25
Montgomery & Co., W. M.....	11.30	Morgan, John A.....	74.30
Monteil, Ramon.....	15.25	Morgan, Joe D.....	45.00
Montias, Portiala.....	19.00	Morgan, J. Dennis.....	35.00
Monticello Cooperative Co.....	129.86	Morgan Lumber Co.....	86.40
Montpelier Examiner.....	6.25	Morgan, O. P.....	25.00
Montrose Press, Montrose, Colo.....	9.75	Morgan, R.....	34.00
Monument Trading Co.....	14.45	Morgan, W. H.....	23.75
Monumental Mine Co.....	2.40	Morgan, W. H., jr.....	6.00
Moody, A. J.....	1.05	Morgan, W. S.....	18.00
Moody, E. L.....	2.75	Morgareidge, Ben.....	3.00
Moody Manual Co.....	12.00	Mori, C. T.....	32.50
Moody, Roy.....	5.25	Moritz, C. J.....	1.50
Moon, John S.....	40.00	Morning Register.....	4.00
Moon & Blais Implement Co.....	49.51	Morning Union.....	3.87
Mooney, J. H.....	6.00	Moro, Adolpho.....	5.50
Mooney, M.....	7.50	Moro, Domingo.....	5.75
Mooney Co., O. P.....	11.85	Morran, Ed.....	.90
Mooney, Robert.....	100.91	Morrell, Mrs. R.....	5.60
Mooney, Will.....	7.65	Morrill, John.....	13.50
Moor, J. G.....	11.40	Morrill, W. J.....	187.73
Moor, L. W.....	11.40	Morris, A.....	8.25
Moore, A. B. T.....	4.00	Morris, Benj.....	13.20
Moore, A. E.....	4.75	Morris, Charles L.....	4.20
Moore, Bessie.....	3.30	Morris Drug Co., R. G.....	3.25
Moore Book & Stationery Co., W. A.....	4.95	Morris, Edward.....	1.00
Moore, Burrington.....	62.10	Morris, Harry.....	3.00
Moore Co., The.....	2.00	Morris, Joe, jr.....	39.86
Moore, Chas. E.....	10.07	Morris, J. R.....	65.00
Moore, D. B.....	23.99	Morris, Levi.....	1.95
Moore, Dell.....	82.50	Morris, Lewis.....	47.40
Moore, D. M.....	26.65	Morris, Oros R.....	30.58
Moore, Edgar.....	3.60	Morris, Otis.....	7.00
Moore, E. L.....	4.61	Morris, R. A.....	16.01
		Morris & Snow Seed Co.....	156.33

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Morris, Sommer Co. (Inc.).....	\$6.35	Mumaugh, Chas.....	\$1.25
Morris, W.....	1.00	Mumford, Frank.....	12.00
Morris, William.....	7.40	Munes, Tomas.....	14.75
Morris, W. C.....	2.85	Munger, Lillian A.....	4.00
Morris, Walter T.....	24.00	Munly, Wm C.....	5.25
Morris, W. J.....	52.13	Munn, B. H.....	34.18
Morrison, H. M.....	2.25	Munn, George.....	52.50
Morrison, John.....	18.00	Munroe Hardware Co.....	2.35
Morrison, Philip.....	5.50	Munroe, Robert.....	7.20
Morrison, Ray.....	3.00	Munroe, Roland.....	96.50
Morrison, Robt.....	21.00	Munsell, Bert.....	3.00
Morrison, W. A.....	4.00	Munson Belting Co., Chas.....	39.73
Morrison, W. H.....	126.50	Munson, C. S.....	2.50
Morrissey, T. F.....	60.00	Munson, John.....	75.00
Morrow, D. C.....	2.80	Murdock, A. W.....	4.08
Morrow Drew Hardware Co.....	3.20	Murdock-Smith Hardware Co.....	32.35
Morrow, John F.....	35.00	Murken, Geo. M.....	27.01
Morse, C. C. & Co.....	630.49	Murphy, Andrew.....	2.76
Morse, Emil.....	3.00	Murphy, Mrs. Anna.....	66.92
Morse Hardware Co.....	235.63	Murphy, B. E.....	100.00
Morse, Howard.....	44.00	Murphy, Clifford.....	1.75
Morse, Roger.....	10.00	Murphy, E.....	46.00
Morsecamp, H. L.....	.90	Murphy & Co. (Inc.), E. J.....	84.54
Morselina, George.....	2.25	Murphy, G.....	6.00
Mortensin, Peter A.....	108.00	Murphy, H. G.....	102.75
Mortimore, Edgar E.....	15.00	Murphy, J.....	6.25
Morton, Harry.....	4.00	Murphy, James B.....	10.00
Morton, J. A.....	28.00	Murphy, J. E.....	10.69
Morton, John W. Co.....	113.65	Murphy-Maclay Hardware Co.....	51.97
Morton, Thomas.....	3.25	Murphy, Mary.....	7.50
Moses, John A.....	25.50	Murphy-Newcombe Hardware Co.....	133.00
Moses & Sons, W. B.....	220.30	Murphy, P. H.....	177.50
Mosiman Mercantile Co.....	1.48	Murphy, W. H.....	20.00
Moss, Austin.....	1.20	Murray, A. H.....	3.00
Moss, A. J.....	10.00	Murray Bros.....	277.63
Moss, Ed.....	8.00	Murray, Charles R.....	8.00
Moss, P. S.....	30.00	Murray Coal & Lumber Co.....	37.48
Moss, S. H.....	1.20	Murray, Ed. F.....	3.00
Motes, D. T.....	3.96	Murray, G. W.....	45.20
Motts, E. H.....	18.00	Murray Hardware Co.....	28.50
Moulton, H. H.....	3.50	Murray, Harry.....	25.00
Mound, Herbert.....	42.00	Murray, J. M.....	5.00
Mounger, S. W.....	3.00	Murray & Junkins.....	150.50
Mt. Shasta Meat Market, The.....	12.42	Murray, L. A.....	16.00
Mountain Commercial Co.....	34.40	Murray & Layne.....	39.15
Mountain Messenger.....	10.50	Murray, Tom.....	55.75
Mountain Park Hotel.....	12.95	Murry, A. T.....	1.50
Mountainair Lumber Co.....	1.90	Musgrave, M. E.....	2.00
Mower, George H.....	10.00	Musgrave, Rose.....	40.00
Mowry, H. G.....	8.00	Musser, Barr W.....	19.84
Moyer, A. T.....	65.00	Muth Bros. & Co.....	224.00
Moyer, J. T.....	60.00	Muth, Geo. F. & Co.....	3 940.34
Moyer, R. H.....	10.00	Mutual District Messenger Co.....	.45
Moyers, C. B.....	64.85	Myer, John.....	65.62
Muelhleisen, J. C.....	5.00	Myers, Dimp.....	24.00
Mueller Company, The.....	129.32	Myers, D. W.....	8.75
Mueller, Louis.....	41.92	Myers, Eugene.....	60.00
Mueller, Moritz.....	27.92	Myers, Frank.....	3.35
Mueller, Otto.....	4.75	Myers, Ivan R.....	47.50
Mueller, Walter.....	4.50	Myers, J. M.....	1.75
Muhoberry, J.....	3.50	Myers, Mrs. J. W.....	14.35
Muil, J. Y.....	25.65	Myers, S. A.....	15.65
Muir, J. R.....	114.00	Myers, W. L.....	61.67
Muir, J. R.....	37.70	Myron, Matt.....	4.50
Muir, S. A.....	9.00	Myrtle Point Enterprise.....	3.00
Mulkey, C. M.....	15.00	Mytting, Samuel.....	3.00
Mullar, W. N.....	15.00	Nachtweih, M.....	4.00
Mullen, H. A.....	10.00	Nail, J. E.....	73.50
Muller Decorating & Wall Paper Co.....	23.00	Namekata, B.....	7.00
Muller, Fred.....	12.50	Nance, Joe E.....	14.50
Muller, Jos. J.....	3.30	Nance, W. H.....	2.30
Mullin, John J.....	23.72	Nance, W. J.....	10.00
Mullings, L. L.....	1.05	Nantietlth, B-38.....	12.00
Mullings, Myrtle.....	1.40	Nash Electrical Supply Co.....	75.67
Mulstay, W. B.....	102.50	Nash, J. E.....	4.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Nash Livery Stable.....	\$10.50	Nelson, W. H.....	\$6.50
Nashold, E.....	1.25	Nepstad, O. A.....	12.00
Nason, Birt.....	34.25	Nestunopo, K.....	5.75
National Carbon Co.....	64.97	Neuman, Fred.....	41.48
National Electrical Supply Co.....	10.73	Neuman, Henry.....	15.00
National Engraving Co. (Inc.).....	10.20	Neuner Co., The.....	8.25
National, Hotel.....	99.37	Nevada City Waterworks.....	6.50
National Lumber Manufacturers' Credit Corporation.....	142.50	Nevada Mercantile Co.....	22.65
National Metropolitan Bank, The.....	373.38	Nevada Livery Stable.....	36.75
National Railway Publication Co.....	52.00	Nevada Stables.....	14.10
National Supply Co.....	333.00	Nevada, State of.....	2.00
National Sales Co., The.....	30.60	Nevada State Herald.....	10.73
National Window & Office Cleaning Co.....	314.34	Nevans, Trinidad.....	5.00
National Wood Pipe Co.....	522.75	Nevils, Robt. H.....	15.00
Navarro, Bartolo.....	15.25	Nevin, Frank F.....	12.00
Nawrath, J. P.....	150.74	Nevin, Frank.....	6.00
Nay, M. N., & Co.....	20.00	Newbegin, John J.....	10.50
Neal, Carl B.....	181.42	Newbrongle, Irvin.....	33.00
Neal, Daniel.....	7.50	Newcom, E. M.....	118.00
Neal, Frank.....	4.50	Newell, C. H.....	70.15
Neal, George.....	3.00	Newell, Geo.....	15.00
Neal, Henry.....	4.50	Newell, Mrs. M. E.....	8.00
Neal, I. G.....	6.75	New Era Printing & Publishing Co.....	25.77
Neal, Roy.....	25.00	Newland, W. S.....	16.25
Neal, W. R.....	38.25	Newlove, B. C.....	2.00
Neale, E. C.....	5.80	Newman, Albert.....	29.50
Nedrow, James C.....	10.00	Newman, Anna S.....	24.00
Needham, J. D.....	2.64	Newman, B. E.....	1.75
Needham, W. H.....	15.00	Newman, C. H.....	16.50
Needham, Walter S.....	20.00	Newman Clock Co.....	2.50
Neel, C. W.....	31.15	Newman, E. G.....	4.50
Neely, Frank.....	61.06	Newman, E. S.....	14.50
Neff, W. C.....	5.85	Newman, James.....	4.00
Negco, Clement.....	189.01	Newman, John F.....	11.37
Neldemeyer, H.....	4.50	Newman, Will W.....	4.50
Neil, John.....	9.00	Newmeyer, Robert.....	5.62
Neilson, Chris.....	3.50	New Mexican Review.....	3.30
Neilson, Lars.....	42.45	New Mexico Printing Co.....	17.10
Neiman, H. F. W.....	13.50	Newport Miner.....	42.60
Nelson, Abert.....	72.75	Newport Telephone Co.....	3.00
Nelson, Arnid.....	1.00	News, The.....	2.30
Nelson, Ben.....	38.75	News Republican, The.....	4.55
Nelson Bros. Co.....	30.60	Newton & Burnham.....	16.50
Nelson, Charles.....	207.35	Newton, C. A.....	9.25
Nelson, Chris.....	28.99	Newton, C. C.....	6.79
Nelson & Co.....	22.20	Newton, Earl.....	17.25
Nelson, Ed.....	6.50	Newton, E. S.....	249.70
Nelson, Edgar.....	10.00	Newton Lumber & Manufacturing Co.....	988.04
Nelson, E. V.....	3.50	Newton, Thomas.....	10.00
Nelson, Gus.....	9.00	New York Dry Goods Co.....	5.00
Nelson, H. A.....	17.45	New York Store, The.....	5.25
Nelson, Harry.....	25.50	New York Harness Co.....	9.40
Nelson, I. V.....	27.86	Neyman, Howard.....	5.25
Nelson, James.....	12.00	Nicholas, F. P.....	10.00
Nelson, J. A.....	10.50	Nicholas, Noe.....	4.00
Nelson, J. M.....	5.20	Nichols, C.....	1.99
Nelson, L. A.....	3.90	Nichols, G. W.....	24.00
Nelson, Lars.....	3.50	Nichols Hardware Co., The.....	5.30
Nelson, Lew.....	25.00	Nichols, J. L.....	30.00
Nelson, M.....	12.81	Nichols Lumber Co.....	5.14
Nelson, Nels.....	50.65	Nichols, Theo. B.....	7.50
Nelson, N. S.....	11.00	Nichols, William.....	5.00
Nelson, Ole.....	4.00	Nichols, W. L.....	48.00
Nelson, Oscar.....	67.50	Nicholson, A.....	7.05
Nelson, Orson.....	9.90	Nicholson & Son, James A.....	1,100.00
Nelson, P. C.....	3.96	Nicholson, W. E.....	1.50
Nelson & Polk.....	11.75	Nicholson Hardware Co.....	363.28
Nelson, R. A.....	57.90	Nickerson, Frank.....	15.90
Nelson, Raymond M.....	9.75	Nickerson, H. S.....	5.75
Nelson, S. W.....	33.25	Nickles, L. D.....	40.95
Nelson, Thomas.....	6.50	Nickles, R. J.....	548.26
Nelson, T. J.....	3.00	Nicoley, J. E.....	11.25
	92.50	Nicoley, N. O.....	11.25
		Niederhouern, Rudolf v.....	9.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Niegel, Albert.....	\$37.20	Northwestern Elevated R. R. Co.....	\$20.00
Nielsen, A. C.....	5.75	Northwestern Improvement Co.....	137.16
Nielsen, John P.....	28.37	Northwestern School of Taxidermy,	
Nielson, Chris.....	14.00	The.....	24.75
Nielson, H. F.....	68.84	Norton, A. L.....	72.50
Nielson, J. P.....	3.55	Norton, Geo. W.....	95.58
Nielson, Neplie H.....	71.07	Norton, M. F.....	5.00
Nielo, Alejandro.....	5.50	Norton, William.....	1.00
Nigh, Wm.....	25.24	Norton & McConnell.....	21.00
Nikkel, H. H.....	9.75	Nothelfer, Emil.....	20.00
Niles, Fellows Signs.....	25.25	Nottingham, W. L.....	10.00
Niles, S. J.....	6.00	Nourse, L.....	7.50
Nincovich, C.....	15.05	Noyes Bros. & Cutler.....	155.95
Nincovich, Obram.....	1.25	Noyes, George M.....	75.00
Nionimya.....	4.50	Nuanes, Federico.....	11.25
Nisbitt, H. B.....	26.53	Nucla Mercantile Co.....	55.93
Nishida, N.....	7.00	Nuwiz, Alfonso.....	3.75
Nissen, B. J.....	66.58	Nussen, B. J.....	8.70
Nisson, Jem.....	2.00	Nutt, Robert.....	7.50
Nixon, Arthur.....	5.50	Nuyman, Sam.....	18.90
Nixon, J. W.....	4.00	Nye, F. J.....	148.95
Noah, D. E.....	29.00	Nyland, Andrew.....	7.00
Noble Bros.....	9.00	Oak, Henry.....	82.25
Noble, Daniel B.....	55.00	Oakes, Richard.....	56.00
Noble, Mallory B.....	55.00	Oakley Coop.....	59.28
Noddin, J. T.....	5.00	Oakley Hardware Co.....	39.55
Nogales Daily Times.....	1.44	Oakley Herald.....	3.30
Nogales, Joe.....	4.75	Oakley Pharmacy.....	11.15
Nolan, H. S.....	37.50	Oasis, The.....	3.00
Nolan, Lawrence.....	50.00	Oatman, B. R.....	42.00
Noland, J. E.....	3.00	Obendorfer, Henry.....	7.00
Nolasquez, Cecelio.....	5.50	Ober, R. E.....	110.00
Nolasquez, Salvador.....	9.50	Oberg, Frank.....	38.50
Nolatt, John.....	.25	O'berg, Victor.....	12.50
Nolf, Theodore.....	96.60	O'Brien, D. L.....	7.20
Noon Bag Co., W. C.....	3.25	O'Brien, Edward.....	39.50
Noonan Furniture Co.....	45.75	O'Brien, John.....	19.75
Noonan, P. D.....	6.25	O'Brien, John.....	70.00
Norberg, Andrew.....	1.20	O'Brien & Lajunesse.....	23.82
Nord, N. A.....	10.80	Obrien, William.....	59.25
Nordquist, H. E.....	4.00	Obregon, Ricardo.....	26.50
Noriega, Abel.....	10.00	O'Cell, Jos.....	12.00
Noriega, Blas.....	14.00	Ochva, Francisco.....	23.25
Normadie Hotel.....	25.50	O'Connell, J. J.....	1.00
Norman, Albert.....	.45	O'Connell, W. T.....	4.50
Norman, Bert.....	4.50	O'Connor Bros.....	5.40
Norman, Charles.....	11.20	O'Connor, M.....	8.25
Norman, Ed.....	5.40	O'dair, J. J.....	13.14
Norman, Floyd.....	5.25	Odneal, J. A.....	8.50
Norman, John.....	7.50	Oehl, Julius.....	11.25
Norman, J. G.....	.60	Off, John.....	23.15
Norman, John.....	1.80	Offerson, G.....	14.50
Norman, Mote.....	6.75	Office Equipment Co. (Inc.).....	78.00
Norris, Adam.....	30.00	Office Towel Supply Co.....	55.94
Norris Bros. Publishing Co.....	1.25	Ogan, James.....	8.75
Norris, Edward.....	16.00	Ogden, Amos.....	3.00
Norris, John.....	17.50	Ogden City Corporation.....	7.50
North Coast Meat Co.....	22.05	Ogden City Ice Co.....	18.00
Northeastern Forestry Co., The.....	175.40	Ogden Electric Supply Co. (Inc.).....	2.40
Northern California Power Co, Con-		Ogden Deed Co.....	75.40
solidated.....	29.82	Ogden Furniture and Carpet Co.....	13.65
Northern Hardware Co.....	241.75	Ogden Office Supply Co.....	290.53
Northern Idaho-Montana Power Co.....	33.00	Ogden Paint, Oil & Glass Co.....	73.98
Northern Idaho News.....	28.50	Ogden Plating Mill Co.....	56.65
Northern Machine Works.....	1.00	Ogden, R. J.....	50.25
Northern Navigation Co.....	25.40	Ogden Standard.....	7.00
Northern Redwood Lumber Co.....	22.37	Ogden Steam Laundry.....	2.50
Northern Stage Co.....	33.00	Ogden Transfer & Storage Co.....	494.17
North, Will.....	2.50	Ogden & Son, Thomas.....	47.50
North Fork Times.....	3.85	Ogersburg, A. G.....	7.00
North Idaho Telephone Co.....	9.85	O'Hair, Roy.....	26.57
North Powder News.....	5.60	Ohio Valley Forest Nurseries.....	3.25
Northrop, Earl.....	6.00	Ohl, Michael.....	35.30
Northrup, F.....	173.25	Ohln, Charles.....	30.00
Northwest Light & Water Co.....	50.20	Oitto, Herman.....	2.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ojedas, Jose Maria	\$15.25	Oneida Steel Pulley Co.	\$192.82
Okanogan Dray & Transfer	9.00	O'Neil Bros.	29.25
Okanogan Independent	1.00	O'Neil, Frank	33.00
Okanogan Light & Power Co.	1.40	O'Neil Lumber Co.	29.50
O'Keefe, Chas.	12.25	O'Neil, P. H.	19.60
O. K. Transfer Co.	21.65	O'Neil, Ray	12.00
Okulo, Frank	6.00	O'Neile, Frank	22.00
O'Laughlin, Martin	7.80	O'Neill, P.	18.90
Olcott & Sell	88.96	Oneto, J.	49.75
Olcott & Nutting	5.75	Opalka, Frank	16.63
Old Dominion Paper Co.	390.00	Opry, Henry	7.00
Oldham, Ed.	32.50	Opsata, Nels O.	15.50
Oldham, Ralph	22.50	Optic Publishing Co., The	3.20
Oldland & Co., A.	208.83	Orangeville Coop.	1.10
Old Man Corral, The	9.50	Ord, Harold	5.20
Olds Gas Power Co.	27.00	Oregon Daily Journal	6.30
Oleson, J. P.	8.10	Oregon Engineering Co.	2.50
Oleson, Nelse	4.25	Oregon, Hotel	4.00
Oleson, Victor L.	24.00	Oregon Lumber Co.	3.00
Oliif, John F.	16.00	Oregon Observer	14.25
Olin, Hauk	10.50	Oregonian, The	30.66
Olipphant, Jas. A.	15.00	Oregon Semi-Weekly Journal	5.85
Oliver, A. V.	9.80	Orella, Barney	6.60
Oliver, D. C.	40.00	Organ, Charles	8.25
Oliver Finnie Co., of Hot Springs, Ark.	155.88	Organ, Ernest	6.75
Oliver Iron Mining Co.	8.75	Oriley, A. T.	2.00
Oliver, Joseph	44.50	Orme, George	7.00
Oliver Machinery Co.	537.50	Orme, F. H.	45.32
Oliver & McKnown Hardware Co.	20.00	Orofino Trading Co. (Ltd.)	2.25
Oliver, M. L.	24.00	Oronson, Victor	2.50
Oliver Typewriter Agency	30.62	O'Rourke, Edward	3.00
Oliver Typewriter Co.	11,315.76	Orville Register	5.20
Oliver, W. L.	15.50	Orr, C. W.	32.75
Olliffe, John F.	16.00	Orr, George	19.25
Olmstead, C. L.	44.55	Orr, James O.	35.00
Olmstead, E. H.	3.00	Orr, Julius	47.75
Olmstead, E. L.	3.00	Orr, J. J.	13.25
Olmstead, Gilbert	1.50	Orr, Paul J.	43.60
Olmsted, Chas. E.	15.00	Orser, S. S.	5.50
Olney, Edward W.	3.50	Ortega, Abel	7.50
Olney Hardware Co.	87.42	Ortega, Candido	7.50
Olsen, Andreas	7.00	Ortega, Enstaqui	5.40
Olsen, Andrew	2.30	Ortega, Fidel	5.25
Olsen, Dave	2.75	Ortega, John	5.50
Olsen, George	4.25	Ortega, Jose M.	3.20
Olsen, John P.	5.46	Ortego, Francisco	11.95
Olsen, Nels	17.50	Orth, F. W.	30.63
Olsen, O.	1.00	Ortiz, Fred	15.00
Olsen, Ovi	6.00	Ortiz, Romualdo	17.00
Olsen, S.	45.75	Ortiz, Rosendo	22.50
Olsen, Sam	7.50	Ortuna, Tony	12.75
Olsen & Co., Tinius	15.00	Ormer, D. K.	50.00
Olsen, Wm. A.	5.50	Osborn, John	19.00
Olson, Abel	30.60	Osborn, J. G.	3.00
Olson, A. C.	12.00	Osborn, Roy	43.00
Olson, Arvill	2.50	Osborne, Arthur H.	1.05
Olson, Ben	2.40	Osborne, J. H.	3.00
Olson, Chas. E.	7.50	Osburn, R. C.	175.50
Olson, C. H.	226.00	Osburne, Jacob	3.50
Olson, C. M.	18.25	Osenburge, F.	8.75
Olson, C. W.	8.40	Osguthorpe, Edgar	31.50
Olson, David	30.60	Osland, Paul	38.25
Olson, E. L.	8.40	Osners, Dan	38.80
Olson, Frank G.	18.00	Ossen Photo Supply Co.	3.71
Olson, Gerhard	142.50	Ostel, Wm.	14.00
Olson, Lewis	10.00	Ostet, Wm., jr.	62.38
Olson, O. H.	13.80	Osterberg, Ed	8.00
Olson, Ole	30.00	Osterhout, D. B.	5.00
Olson, Oscar	9.50	Osterman, J.	8.25
Olympia Door Co.	4.50	Ostman, Andrew	212.25
Ommong, Arvid	10.38	Ostrander, Horace E.	2.50
Omstead, Chas.	27.00	Ostrom, John	31.25
O'Neal, Ebon	40.25	O'Sullivan, Michael	5.10
O'Neal, James	57.50	Osuna, Frank	24.80
O'Neal & Van Meter	1.00	Osuna, Peter	6.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Otis, Geb. ....	\$7.50	Palace Hotel, The. ....	\$29.75
Ott Hardware Co. ....	223.32	Palace Livery Stable. ....	21.50
Otterson, Clara. ....	9.45	Palamo, Rafael. ....	6.00
Otterson, Oscar. ....	34.00	Palley, Arthur. ....	9.80
Otterson, Otto. ....	8.00	Palmer, Chas. A. ....	3.00
Ottestad, Justin W. ....	34.33	Palmer & Danner. ....	6.00
Otto, John. ....	36.00	Palmer, Fred. ....	20.59
Ottow, John. ....	57.81	Palmer, Fred F. ....	3.00
Outerson, John. ....	43.75	Palmer, F. G. ....	39.00
Outland, Edgar. ....	12.00	Palmer, I. C. ....	20.00
Outland, Ernest. ....	11.87	Palmer, James M. ....	285.15
Overby, O. ....	2.25	Palmer, Mrs. Maude A. ....	10.80
Overman, Cyrus. ....	2.00	Palmer, W. W. ....	68.00
Oversstreet, Jas. M. ....	8.75	Palo Alto Transfer Co. ....	29.35
Owen, Harry H. ....	15.00	Palvir, Epifanio. ....	6.50
Owenhouse Hardware Co. ....	159.13	Panguitch Corporation. ....	4.00
Owens, E. B. ....	28.50	Panguitch Progress. ....	12.00
Owens, E. C. ....	45.00	Panhandle News. ....	31.95
Owens, Ed. ....	.75	Panicke, John R. ....	19.00
Owens, Frank. ....	5.00	Panner, Scott. ....	22.00
Owens, Henry F. ....	9.00	Pannill, J. M. ....	75.00
Owens, H. L. ....	4.00	Paonia Feed & Supply Co. ....	5.10
Owens, William. ....	195.12	Paonia Newspaper. ....	15.00
Owings, Oscar. ....	10.00	Papworth, James. ....	10.12
Owings, N. J. ....	20.00	Paradise Record. ....	9.80
Owings, William A. ....	12.50	Paradise Record. ....	4.55
Owl Drug Co. ....	32.50	Paraffine Paint Co. ....	9.80
Owyer, T. L. ....	42.25	Pardue, McD. ....	3.00
Owyheer, Johrey. ....	22.00	Parent, Alex. ....	15.25
Ozark Times. ....	7.50	Paris Post, The. ....	25.25
Ozman, Ray. ....	12.00	Parish, Raymond. ....	4.25
Pace, Bert. ....	5.62	Park, Ira L. ....	1.80
Pace Hay & Grain Co. ....	250.09	Park, Lon. ....	21.30
Pace, James M. ....	45.70	Park Record. ....	36.30
Pace, Leslie. ....	14.62	Park, T. S. ....	16.50
Pacific Coast Blue Print Co. ....	71.91	Parke, David. ....	4.50
Pacific Coast Wood & Iron Co. ....	3.00	Parke, Mary J. ....	25.00
Pacific Creosoting Co. ....	690.00	Parke, Thompson. ....	59.50
Pacific Drug Co. ....	.75	Parke, T. S. ....	6.00
Pacific Electric Ry. Co. ....	3.90	Parker, A. H. ....	15.00
Pacific Express Co. ....	173.30	Parker, E. P. ....	2.70
Pacific Lumber Co. ....	14.00	Parker, Francis. ....	6.00
Pacific Lumber Trade Journal. ....	27.40	Parker, G. ....	57.50
Pacific Outlook. ....	4.16	Parker, Harry. ....	2.40
Pacific Salvage Co. ....	30.00	Parker, H. E. ....	2.00
Pacific Stationery & Printing Co. ....	14.25	Parker, John. ....	6.45
Pacific Telephone & Telegraph Co. ....	4.75	Parker & Co., L. A. ....	30.05
Pacific Tent & Awning Co. ....	9.00	Parker, jr., R. ....	9.75
Pacific Transfer Co. ....	17.75	Parker, Richard. ....	14.80
Pack Bros. ....	13.46	Parker, R. W. ....	12.00
Pack, Jas. ....	8.75	Parker, Thomas H. ....	59.99
Pack, John. ....	197.72	Parker, Thomas J. ....	26.25
Pack, J. O. ....	5.40	Parker, W. H. ....	4.50
Pack, Thomas. ....	2.90	Parker, W. P. ....	45.00
Pack, Wm. H. ....	6.50	Parker, W. W. ....	6.00
Packard Machine Co., O. L. ....	25.20	Parkes, W. E. ....	33.00
Packard, Peter. ....	5.00	Parkinson, C. ....	10.50
Packwood, S. E. ....	6.75	Parkinson, Ed. ....	10.20
Paddock, Wm. S. ....	12.00	Parkinson-Marling Lumber Co. ....	376.00
Padillo, Pablo de. ....	24.00	Parkinson, Ed. H. ....	227.68
Padillo, Manuel. ....	24.00	Parks, Ed. A. ....	7.87
Page, Floyd. ....	2.40	Parks, Francis. ....	19.99
Page, Gardner. ....	1.95	Parks, Mrs. Laura. ....	45.00
Page, James. ....	14.40	Parks & Son, W. A. ....	2.85
Page Investment Co. ....	4.45	Parmely, L. B. ....	58.66
Page, J. J. ....	21.00	Parmentier, W. J. ....	10.00
Pagosa Lumber Co. ....	31.05	Parmer, James. ....	8.75
Paige, A. N. ....	48.00	Parr, Clifton R. ....	13.34
Paine & Miller. ....	3.10	Parr, Peter. ....	6.00
Paine & Paine. ....	9.90	Parry, W. B. ....	15.00
Painter, Harry. ....	13.00	Parrish, Paul. ....	77.50
Painter, John. ....	67.00	Parrish, Parry. ....	57.74
Pajhanine, Ramon. ....	4.50	Parry, W. E. ....	394.38
Paisley Mercantile Co. ....	3.00	Parsons, Brice. ....	4.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Parsons, C.	\$18.50	Pease, J. A.	\$3.50
Parsons, L. D.	2.40	Peasley Transfer Co.	16.00
Parsons, L. F.	10.00	Peasley Transfer & Storage Co.	3.00
Parsons Printing & Stationery Co.	15.30	Peck, Everett.	2.50
Pasa & Mount Wilson Toll Road Co.	37.45	Peck, E. C.	3.80
Pasadena Hardware Co.	23.81	Peck, John O.	52.50
Pat, Indian.	22.00	Peck Co., W. H.	124.06
Pate, A. E.	9.50	Peck, W. H.	12.12
Patrick Co.	3.90	Peckinpah, C. M.	86.21
Patrick & Co.	33.50	Peckinpah Lumber Co.	3.88
Patrick, Harry.	47.61	Pederson, Klem M.	24.00
Patrick, Henry.	51.00	Pederson, P.	75.60
Patten, Elliott.	2.40	Peebler, E. Y.	3.50
Patten, James.	26.00	Peek, E. D.	1.90
Patten, Truman M.	8.00	Peel, Chas.	35.99
Patterson Co., The.	72.80	Peel, W. S.	3.00
Patterson, A. C. L.	12.50	Peers, John.	10.00
Patterson, Albert.	1.20	Pehrson, Emil.	6.50
Patterson, Edward.	5.71	Pehrson, E. J.	19.00
Patterson & Co., E. L.	51.50	Peet, Everett.	6.50
Patterson, F. F.	8.10	Peirce, Frank.	11.05
Patterson, H. C.	6.90	Pell, Henry R.	6.10
Patterson, J. M.	3.00	Pelucia, A.	28.22
Patterson, Wade.	28.20	Pemberton, J. L.	10.31
Patterson, W.	10.50	Pembroke Stationery Co.	489.12
Pattie Bros.	7.50	Penalun, Stanley.	1.50
Pattison, Jno. H.	42.00	Pendola, A. L.	190.00
Patton, B. S.	2.50	Pend Oreille Navigation Co.	16.00
Patton, C. H.	2.00	Pend Oreille Review.	61.50
Patton & Son, W. O.	45.00	Pend Oreille River Navigation Co.	8.10
Patnode, Edmond.	100.00	Pendrey, Orson.	17.80
Paul, B. H.	16.15	Penley, A. E.	82.56
Paul, Frank.	12.90	Penley, Frank T.	17.50
Paul, Leonard.	48.15	Pennell, A. W.	1.62
Paulding, D. A.	16.00	Pennington, Frank.	1.50
Paulding, Ray.	12.25	Pennington, S. L.	2.00
Pauley, E. P.	8.12	Pennington Sons (Inc.), Geo. W.	20.00
Paulsen, Hans.	45.00	Pennington, Walter.	1.50
Paulsen, L. S.	52.80	Pennsylvania Flexible Metallic Tub-	
Paulson, Maurice.	46.00	ing Co.	34.50
Paunack, E. F.	14.73	Peoples Express Co.	1.00
Pavlik, J.	8.50	Peoples Grocery Co.	13.00
Pavlovich, Thos.	6.60	Peoples Lumber Co.	421.40
Pavlich, George.	6.60	Peoples Market.	34.13
Paxton, Galia.	10.50	Peoples Meat Market.	3.75
Paxton, S. K.	7.40	Peoples Mercantile Co.	65.35
Payette Independent.	20.75	Peoples Trading Co.	10.00
Payne, Jack.	20.55	Peoples Union (Ltd.).	49.22
Payne, John.	37.50	Penrod, D. H.	4.25
Payne, J. T.	17.75	Penrod, Liola.	4.25
Payne, Lester.	8.00	Penrod, Liona.	4.25
Payne, Martin.	.75	Penny, J. S.	24.00
Payne, S. C.	35.25	Pensacola Gas Engine & Supply Co.	22.57
Payne, Richard.	5.00	Pensacola Journal.	67.43
Payne, Theodore.	49.90	Peper, J. W.	19.12
Payton, H. L.	33.33	Perboni, John.	4.50
Peacock & Sons, B. J.	100.00	Percy, Geo. A.	28.99
Peacock, Dell.	1.50	Perdue, L. L.	34.00
Peacock, Earl.	258.10	Peregoz, F. C.	11.00
Peacock, W. H.	3.15	Peres, Basilio.	5.10
Pearce, C. H.	10.00	Perez, Domaian.	9.75
Pearce, Fred.	20.00	Perez, Manuel.	9.00
Pearce, J. D.	23.75	Perez, S.	2.50
Pearce, Jos. H.	6.00	Perham, Charles.	36.25
Pearce, Oscar.	35.00	Perkins, Benj.	6.85
Pearson, Arthur.	63.25	Perkins, Geo. F.	132.50
Pearson, Charles.	12.00	Perkins, Geo. W.	103.00
Pearson, Edgar.	6.00	Perkins, Jess.	1.80
Pearson, H. P.	2.75	Perkins, J. W.	5.00
Pearson, John.	17.87	Perkins Timber Co.	7.40
Pearson Mercantile Co.	37.50	Perkins Mercantile Co.	40.70
Pearson, Nels.	9.50	Perkins, R. B.	12.00
Pearson, Olie.	12.00	Perminster, William.	2.40
Pease, Henry.	19.65	Pernol Estate, Wm.	8.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,936,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Perry, Asa B.....	\$10.00	Phillips, Arthur.....	\$5.55
Perry Co., Chas. E.....	12.50	Phillips, Ben.....	5.55
Perry, D. E.....	6.00	Phillips & Carter.....	28.56
Perry, E. M.....	2.10	Phillips, Harry G.....	3.00
Perry, Frank.....	1.25	Phillips, H. W.....	5.00
Perry, H. D.....	27.00	Phillips, Iscoa.....	62.83
Perry, J. A.....	11.24	Phillips, Jas.....	12.00
Perry, Joe.....	35.00	Phillips, James A.....	48.00
Perry, Leslie.....	2.50	Phillips, Jess.....	5.55
Perry, O. E.....	21.00	Phillips, Jim.....	1.75
Person, E. R.....	2.80	Phillip, John.....	9.75
Peters, N. A.....	4.25	Phillips, Joe.....	11.10
Peters, Paul.....	.75	Phillips & Merriam.....	12.50
Peters, P. G.....	27.60	Phillips, R. E.....	1.80
Peters, T. R.....	25.00	Phillips, Ray.....	124.90
Petersen, James.....	15.00	Phillips, Richard A.....	12.12
Petersen, N. P.....	27.50	Philpot, W. M.....	1.20
Peterson, Albert N.....	7.50	Phipps, R. C.....	23.50
Peterson, Chas. H.....	27.50	Picard, R. B.....	15.50
Peterson, Fred.....	27.00	Pick Transfer & Storage Co., C. O.....	3.50
Peterson, Harry.....	3.12	Pickett, Alice.....	17.50
Peterson, Henry C.....	84.00	Pickett, Ellis.....	12.00
Peterson, I. O.....	19.50	Pidgeon, Chas.....	42.00
Peterson, James.....	15.00	Piedra Lumber Co.....	1.50
Peterson, Jas. A.....	13.00	Pick, John F.....	33.75
Peterson & Co., J. M.....	35.00	Piepmieier, B. M.....	6.00
Peterson, J. N.....	28.40	Pierce, C. D.....	5.75
Peterson, Lawrence H.....	7.50	Pierce, Frank G.....	15.00
Peterson, Louis W.....	15.00	Pierce, Paul.....	56.90
Peterson, M. H.....	35.00	Pierce, Sanford L.....	15.62
Peterson, Nels.....	3.25	Pierpont, R. B.....	62.50
Peterson, N. H.....	1.25	Pierson, John.....	35.10
Peterson, Oscar.....	1.25	Pietronave, G. B.....	5.25
Peterson, Pearl.....	60.00	Pike Adding Machine Co.....	57.00
Peterson, Peter E.....	42.62	Pike, Milton.....	15.00
Peterson, P. F.....	23.63	Pikes Peak Hydro-Electric Co.....	6.00
Peterson, P. G.....	89.50	Pilechuck Market.....	32.64
Peterson, Mrs. C. Rosa.....	92.00	Pilkinton, Orrin.....	5.00
Peterson, Theophilic.....	115.00	Pinedah Round Up, The.....	5.52
Peterson, Victor.....	3.60	Pine River Lumber Co.....	5.00
Petery & Co., M.....	24.00	Pinkerton, H.....	30.00
Petery, Mike.....	62.35	Pinkerton, John W., jr.....	44.75
Pethybridge, W. H.....	10.00	Pinkerton, Robert E., and others.....	315.90
Petrashak, Geo. L.....	119.92	Pinkham, B. D.....	11.50
Petre, W. W.....	1.50	Pinkham, C. B.....	68.00
Petrick, C. O.....	25.20	Pinto, Charlie.....	1.75
Pettet, E. A.....	1.00	Piola, Louis.....	6.00
Petteys, E.....	3.75	Pioneer Bindery and Printing Co.....	5.75
Pettigrow, Thomas.....	6.13	Pioneer Boat & Launch Works.....	2.00
Pettit, Carl.....	15.90	Pioneer Harness Co.....	1.50
Pettit, Lewis.....	.90	Pioneer (Inc.), The.....	7.50
Pettiti, W. R.....	2.00	Pioneer Livery & Transfer Stable,	
Pettiti, Giovanni.....	6.00	The.....	9.40
Petty, J. H.....	11.00	Pioneer Livery & Lumber Co.....	44.46
Petty, Leo.....	20.00	Pioneer Lumber Yard.....	8.56
Pfander, Chas.....	14.37	Pioneer Mercantile Co.....	636.49
Pfefferle, Daniel.....	31.25	Pioneer Tent & Awning Co.....	108.50
Pfefferkorn, Hugo.....	2.25	Pipinch, Vicent.....	4.50
Pfeiffer, Carl.....	60.00	Pirie, Alex.....	52.21
Pfeiffer, John.....	19.25	Pirkey, M. Ura.....	95.50
Pfeiffer, K. P.....	10.00	Pitcher, E. H.....	126.50
Pfeiffer, William.....	16.75	Pitman, Will.....	1.95
Pfeil, Harry.....	36.90	Pitman, Wm. S.....	28.75
Pfifer, Simon.....	3.75	Pitt, Seth.....	10.00
Pfisteven, Wm.....	126.00	Pittman, Robert R.....	1.95
Pfrimmer, C. W.....	1.70	Pitts, Chas.....	3.60
Phelps, C. W.....	14.62	Pitts, L. D.....	6.00
Phelps, Jas., jr.....	2.50	Piva, Peter.....	2.25
Phelps, T. H.....	43.70	Pival, Frank.....	.75
Phelps, W. E.....	18.00	Placerville Hardware Co.....	10.15
Philbert, Andrew.....	15.00	Plaskett, Ed.....	15.25
Philbrick, L. A.....	5.55	Plaskett, F. M.....	12.65
Philbrick, Leighton.....	12.00	Plateau Voice, The.....	3.51
Phillipsburg Mail, The.....	16.50	Platten, Fred.....	6.75
Phillip, Roland.....	5.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Pless Bros.	\$41.95	Portfors, Chas. O.	\$164.55
Pless, R. C.	45.62	Portland Blue Print Co.	38.95
Plessman, L. H.	1.00	Portland Flouring Mills Co., The.	30.00
Plumas Commercial Co.	25.20	Portland Photo Supply Co.	4.22
Plumas Livery Stable.	75.00	Portland Seed Co.	110.14
Plumas National Bulletin.	60.18	Portland Tent & Awning Co.	1.60
Plumer, J. W.	7.50	Port Orford Tribune.	2.60
Plume, D. J.	7.50	Port Townsend Leader.	11.40
Plumfield Nurseries.	21.87	Posey, S. P.	1.50
Plummer, F. M.	677.20	Post, C. F.	19.00
Plummer, H. E.	47.50	Post Co., The Frederick.	277.85
Plummer Manufacturing Co.	8.00	Post, J. W.	24.00
Plunkett Bros.	4.25	Post-Intelligencer Co.	6.00
Plunket & Geist.	4.20	Post, L. D.	5.00
Plymvale, Geo. E.	1.05	Postmaster, The.	41.56
Plymval, James.	19.95	Do.	300.00
Plymval, John.	14.00	Postmaster, Madison, Wis.	13.00
Poage, E. J.	11.00	Postmaster, San Francisco, The.	8.00
Pobb, E. D.	25.65	Post Printing Co.	5.98
Pobb, R. E.	21.61	Post Printing & Publishing Co.	50.50
Pocatello Flour & Feed Co.	18.96	Postmaster, The.	39.24
Pocatello Tribune.	6.50	Poston, Charles.	9.00
Poder, Oscar.	2.80	Potomac Electric Power Co.	11.70
Poe, Mark H.	10.00	Pottenger, Earl.	4.05
Pogge, Ulrich C.	56.00	Potter, Ase.	2.75
Pohlman Bros.	3.30	Potter, John B.	19.10
Pointer, Guy W.	33.25	Potter, M. M.	29.00
Polk, H. R.	3.50	Potthoff, F. D.	72.07
Polk, P. W.	7.55	Potts, J. H.	234.16
Polkinghorn, Dick.	45.00	Poulter Produce Co., T. J.	3.50
Polacheck & Bro. Co., Chas.	625.00	Pound, E. H.	50.00
Poland Store.	50.00	Povey Bros. Glass Co.	5.75
Polk, R. L. & Co.	10.00	Povey, John.	8.95
Pollard, C. L.	49.98	Povich, John.	3.30
Polson Implement Co.	39.70	Povis, Thomas.	30.61
Pond, Claude.	1.00	Powell, Elizabeth C.	15.00
Pond, Earl.	1.00	Powell, F. A.	27.75
Pond, Ed.	1.00	Powell, Ruby.	14.00
Pond, John.	1.00	Powell, William.	26.70
Pond, Roy.	1.00	Power, J. W.	5.00
Pond, S. L.	1.00	Power Co., The T. C.	1.80
Pool, George.	2.50	Powers, E. H.	5.00
Pool, Otto.	5.00	Powers & McCord.	136.40
Pool, Raymond J.	10.00	Powers, R. L.	10.00
Poole, Andrew T.	15.50	Powers, Thomas.	3.50
Poole Bros.	27.15	Poynter, Esau.	105.00
Poole & Bro., C. A.	348.59	Prahl, J. S.	6.50
Poole, J. L.	3.50	Prairie City Miner.	15.00
Poole, Thomas.	8.71	Prater, Frank.	21.87
Pooler, Harry H.	74.00	Prater, James T.	41.00
Pope, A. J.	15.40	Prater, Walter.	39.37
Pope, H. D.	83.00	Prather, A. L.	126.27
Pope, Tom.	2.40	Pratt, Dee.	2.00
Pope, Vernon.	10.00	Pratt, J. F.	10.00
Popejoy, Edward.	18.00	Pratt, Lizzie.	8.75
Popp, Peter.	8.10	Pratt, O. Phelps.	2.25
Poquette, Peter.	60.50	Pratt, Oscar.	70.28
Porath, John.	30.75	Pratt, Raymond.	3.00
Porcher, Francis P.	25.00	Pratt, S. R.	7.20
Porteous, Alexander.	34.50	Prattie, William.	5.00
Porter, A. J.	7.00	Preece, J. H.	6.07
Porter, Frank E.	50.00	Prendergust, Wm.	12.00
Porter, Fred.	12.00	Prentice, J. T.	10.50
Porter, Gardiner I.	5.00	Prescott, Wm.	1.50
Porter, John.	14.63	Presnell, B. W.	5.00
Porter, Joseph B.	2.20	Presentin, Frank.	8.00
Porter, Leo.	3.00	Presentin, P. V.	95.80
Porter-Obert Hardware Co.	125.65	Pressler Bros.	34.00
Porter, Virgil S.	10.20	Preston, E.	27.00
Porter & Walton Seed & Floral Co.	356.39	Preston & Hales.	156.00
Porterfield Drug Co.	3.25	Preston, Mrs. John F.	37.50
Porterus, Alex.	82.50	Preston, Lee.	7.00
Porterville Lumber Co.	.99	Preston, P. A.	121.25
Porterville Steam Feed Mill.	56.41	Prettywood, Louis.	23.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Preve, H. A.	\$7.75	Ragsdale, J. L.	\$4.00
Prey, Nina.	6.75	Rahn, John.	10.55
Price, Archie.	5.75	Rahmbow, Otto.	6.00
Price, Coleman.	4.50	Rahn, William A.	15.00
Price, Custer.	15.00	Rains, John E.	4.20
Price, Don.	4.00	Raise, Louis.	7.25
Price Hardware Co.	12.10	Rakestraw, C. E.	206.16
Price, John.	83.36	Ralph, E. E.	51.00
Price, Jas. S.	7.50	Ralph, F. J.	221.40
Price, J. W.	10.85	Ralph, Wm. Z.	32.00
Price, Pres.	12.50	Ralston & White.	4.00
Price, P. S.	19.97	Ramblie, Geo. W.	10.00
Price, W. M.	12.00	Ramey, J. H.	5.00
Price, W. T.	78.00	Ramey, P.	3.50
Price, W. W.	6.00	Ramez, Jose.	.87
Prine, Frank.	9.00	Ramiez, Juan.	19.38
Prineville Review.	2.80	Ramires, Feliciano.	1.75
Primell, Frank C.	10.80	Ramirez, G.	16.50
Privat, B.	4.00	Ramirez, Pedro.	8.75
Probert, jr., Wm. H.	237.50	Ramirez, V. & Son.	23.00
Proctor, Chas.	15.00	Ramm Co., The.	54.25
Progger, J. L.	8.50	Ramm, J. E.	8.25
Progress Mercantile Co.	30.05	Ramon Land & Lumber Co.	19.81
Progress Review.	3.75	Ramos, Angel.	10.50
Proll, W. B.	9.00	Ramsay, A. A.	1.75
Prose, W. H.	5.00	Ramsey, Dora.	15.15
Protor, E. C.	2.75	Ramsey, Earl.	3.52
Protzman, W. H.	12.35	Ramsey, Frank.	3.96
Prowiski, John.	5.75	Ramsey, George.	5.50
Provo Post.	3.25	Ramsey, Heber.	2.77
Prows, John.	14.62	Ramsey, Herbert.	.75
Prowse, Martin E.	3.50	Ramsey, Otto.	3.52
Pruyn, Louise F.	101.50	Ramsey, W. C.	10.72
Publication Office.	44.00	Ramskill, J. H.	24.00
Puget Sound Mill & Timber Co.	9.51	Ranch Supply Co.	35.25
Pullen & Geissler.	164.71	Randall, John M.	1.75
Fullman, E. J.	9.13	Randle, Matt.	125.39
Punnett Bros.	37.50	Randles, Henry.	3.75
Purcell, Arthur.	43.00	Randolph, Lindy.	8.00
Purcell, Geo. E.	10.50	Randolph, W. C.	15.25
Purkeypile, I. J.	5.00	Raney, Henry.	11.75
Purtyman, J. S.	35.00	Range Gazette.	15.62
Putnam, E. N.	23.25	Ranger, Henry.	17.00
Putnam, George.	1.50	Rankin, J. C.	5.00
Putnam, W. H.	12.50	Rankin, J. R.	57.50
Putnam, James.	4.50	Rankin, W. A.	1.20
Putzeen, John.	2.00	Ranney, Mrs. G. F.	6.00
Pyle, F. M.	167.50	Ranney, L. J.	90.50
Pyle, jr., Geo. M.	22.50	Ranney, Mrs. L. J.	38.00
Quaintance, Ed.	8.00	Ransom, Edwin.	3.00
Quane, James.	182.30	Ransom Livery.	10.00
Queen & Co. (Inc.).	59.00	Ransom, W. H.	35.00
Quigley, G.	15.50	Ranson, Henry R.	15.25
Quigley, H. L.	33.00	Rantio, Frank.	49.65
Quigley, Pal.	13.80	Rantio, Richard.	23.60
Quilcene Trading Co.	10.10	Raphael, Martin.	2.63
Quillen, M. D.	14.50	Rapid City Implement Co.	170.00
Quinlan Bros.	41.11	Rasmussen, Chris.	52.57
Quinlan, Wm. J.	7.00	Rasmussen, Clayton.	14.62
Quinn, Geo.	9.70	Rasmussen, John.	4.20
Quinn, J. W.	16.00	Rasmussen, Mrs. Katherine.	22.50
Raabe & Manger.	21.10	Rasmussen, Martin.	2.40
Race, Charles A.	48.00	Rathbone, Hazel M.	63.75
Race, Mrs. Charles A.	4.00	Rathbun, W. H.	5.00
Race, William B.	12.50	Ratz, Clifford.	3.00
Rachford, J. C.	55.75	Raun, Martin.	5.00
Racine Sattlery Co.	15.10	Rawlings, G. W.	3.35
Ratcliff, T. S.	60.00	Rawlings, H. H. & Co.	52.80
Rader, Lester C.	83.50	Rawlins Republican.	3.25
Radford, Geo. S.	4.50	Rawson, A. L.	6.00
Raftery, William.	2.50	Ray, Frank R.	7.40
Ragensburger, Joe.	.50	Ray, G. C.	1.50
Ragsdale, Calvin.	3.12	Ray, Ira E.	222.50
Ragsdale Jno. H.	23.25	Ray, J. L.	12.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ray, J. W.	\$40.00	Register Publishing Co.	\$13.80
Ray, Victor	3.50	Rehart, C. A.	83.50
Raymond, Don	1.75	Rehm & Co., E. L.	219.93
Raymond, Morris C.	7.75	Rehmke, E.	3.00
Raymond, W. A.	37.50	Reichman Mercantile Co.	4.30
Raynor, C. E.	10.12	Reid, Chas.	3.90
Raynor, F. W.	11.77	Reid, Clement C.	10.00
Razo, J.	2.50	Reid, Geo. B.	13.70
Razo, Jean	2.50	Reid, Robt. W.	10.75
Razo, Jose	15.00	Reid, Shad.	1.50
Razo, T.	2.50	Reid, Sim.	56.00
Rea, Dionisa.	26.50	Reid, Tom.	52.00
Read & Bros. Co., J. G.	23.83	Reid, T. B.	92.00
Read, Kenneth C.	129.00	Reid, W. H.	2.00
Reagh, A. L.	2.00	Reierson Machinery Co.	51.40
Reagon, James.	75.00	Reifenstahl, Floyd	12.00
Reams, T. J.	5.75	Reilly & Co., E. M.	90.20
Reans, Fred.	9.75	Reilly, Hugh.	93.63
Rebe, The Misses	12.75	Reilly & Co., P. M.	22.10
Reber, E.	26.59	Reineck, J.	8.00
Reber, Ed.	5.26	Reinecke, Jake.	22.00
Rebera, Andrez	9.75	Reinerz, Reutmeister	47.98
Recead, John S.	8.00	Reinhard, J. P.	7.75
Reckmeyer, F. W.	150.00	Reinsch, Henry	126.00
Record Journal Publishing Co.	2.93	Reis, C. D.	6.25
Record Stockman Publishing Co., The.	32.00	Reis, George	6.00
Recorder, Fremont Co., Idaho.	2.50	Reliable Transfer Co., The	.48
Red Bluff News.	1.95	Remeres, Rimilo.	13.00
Redcliff & Gilman Mercantile Co.	49.10	Remick, Don.	2.60
Redd, Monroe.	42.00	Remington, Florence.	105.00
Reder, Teay	123.25	Remington, Lenardo.	9.60
Red Front Livery Stables.	6.00	Remington Typewriter Co.	488.38
Redlands Hardware Store.	7.00	Remington Typewriter Depot.	5.20
Redrock Rock Salmon & Gibbonsville Stage Co.	6.90	Remp, C. B.	13.50
Redrock & Salmon River Telephone Co.	5.75	Remp & Merrill.	27.50
Redus, Chas. B.	3.50	Renand, Chas. M.	45.00
Reece, W. S.	5.85	Rencher, Guy B.	87.50
Reed, Clarence.	11.25	Renfro, W. N.	31.32
Reed, Chas. F.	15.00	Renick, Don.	20.48
Reed, C. S.	19.45	Reno, Fred.	7.20
Reed, Forest.	4.90	Renolds, Oscar.	8.00
Reed, Frank E.	4.00	Reuz & Ludwig.	14.25
Reed, George.	23.25	Repp, Major.	4.50
Reed, Glen.	2.00	Republic Livery & Transfer Co.	27.60
Reed, Henry.	10.00	Republic Meat Market.	2.05
Reed, Homer O.	29.00	Republican.	4.80
Reed, L. D.	15.90	Republican Courier Co.	5.85
Reed, Phil B.	8.00	Republican Picket.	93.75
Reed, Robert	162.75	Republican Printing Co.	2.20
Reed, R. H.	7.30	Republican Publishing Co., The.	42.30
Reed, R. W.	24.00	Resa, M.	1.50
Reeder, C. H.	29.50	Reser, Ralph.	132.36
Reeder, Charles M.	3.00	Reserve Grocery Co.	64.49
Reeder, H. A.	22.50	Resley, G. E.	4.50
Reeder, J. W.	7.50	Reuter, John.	10.00
Reedy, A. C.	3.00	Reves, George W.	19.40
Reedy, Will.	12.00	Review.	2.80
Reemer, Chas.	3.00	Reyes, Rudolfo.	22.50
Rees, Beddow & Co.	75.40	Reyes, Rudolph S.	26.50
Rees, T. J.	3.00	Reynolds, Al.	4.25
Rees, T. W.	3.00	Reynolds, Albert.	46.25
Reese, Garfield.	1.35	Reynolds, C. T.	155.13
Reese & Reese, agents.	97.34	Reynolds, E. S.	312.50
Reese River Reveille.	24.80	Reynolds, F. H.	5.00
Reese, Wayne.	8.55	Reynolds, George.	8.00
Reetz, A. J.	9.25	Reynolds, G. W.	4.00
Reeve, J. H.	3.50	Reynolds, Harry.	7.25
Reeves, Geo. W.	8.62	Reynolds, J.	4.20
Regan, Jas.	24.00	Reynolds, James.	1.35
Regan, M. A.	87.54	Reynolds, J. R.	24.00
Reger, J. M.	6.48	Reynolds & King Bros.	10.00
Regg, Ole.	22.50	Reynolds, Nathaniel.	2.75
		Reynolds, R. V. R.	11.09
		Reynolds, Vester.	1.35

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Rhein & Co., W. H.	\$39.43	Riker, Daniel S.	\$250.00
Rhine, Bertrand	53.50	Riley, J.	2.00
Rhinehart, O. E.	14.00	Riley, Mrs. John	154.80
Rhoades, Ed.	1.50	Riley, Walter	8.50
Rhoades, Leroy	269.00	Rimmer, T. B.	70.00
Rhoads, Elijah	11.50	Rinard, V. J.	5.00
Rhode, Herman	3.00	Rinehart, Clarence	15.00
Rhodes, Frank B.	460.00	Rinehart, E. E.	30.00
Rhodes & Co., L. H.	48.60	Rinehart, G. A.	39.50
Rhodes, W. C.	26.25	Ring, Geo. V.	13.00
Rhyuo, Fred	13.20	Ringen Stove Co.	4.57
Riberdy, Ed. F.	5.67	Rio Grande Lumber & Supply Co.	1.97
Riblet, Fred	15.30	Riordan, B. W.	7.00
Rice, Chas.	18.35	Rios, Jesus	13.25
Rice, C. S.	12.00	Ripley, J. B.	17.50
Rice, D. J.	5.00	Rising Sun Lumber Co.	25.45
Rice, Edward	115.50	Risley, J. A.	57.50
Rice, F. H.	4.00	Risley, J. M.	31.25
Rice, Geo., jr.	3.25	Ritchey, Cana.	6.40
Rice, Hopkin I.	141.00	Ritchford Livery	11.20
Rice, John W.	68.73	Ritchie, Geo. I.	14.60
Rice, N. L.	5.80	Ritchie, Prescott C.	1.50
Rice, R. M.	3.25	Ritter, James	1.20
Rice, Wm.	41.00	Ritter, Roy	8.51
Rice, W. F.	5.00	Ritter, W. E.	5.65
Rice & Rice	42.25	Ritter & MacRae	3.10
Rice, McGoffee Co. (Ltd.)	11.00	Rittmayer, John P.	128.20
Rich, H. E.	1.50	Ritz, Henry	6.00
Rich, Joseph E.	7.50	Ritz, Joseph	87.32
Richard, Wm.	148.50	Ritz, William H.	10.55
Richards, A. G.	37.50	Rivas, Antonio	26.50
Richards, C. H.	27.50	Rivera, Cristino	21.00
Richards, C. W.	109.00	River Current, The, Dixon, Wyo.	27.16
Richards, D. C.	18.88	Rixon, Theodore F.	315.00
Richards, Lance	47.50	Roach, David S.	9.37
Richards, R. A.	29.93	Roach, Gerald	4.38
Richards, Tom	1.25	Roadifer, Clyde	3.00
Richards, W. W.	19.80	Roadifer, Ralph	4.00
Richardson, B. L.	3.75	Roadifer, William	9.00
Richardson, G. H.	2.50	Roane, Ed.	25.20
Richardson, Ham.	26.00	Roane, Ed., jr.	19.20
Richardson, Herbert	2.40	Roark & Newell	25.50
Richardson, J. J.	3.00	Robb, Geo.	3.75
Richardson, J. M.	16.80	Robb, J. C.	10.00
Richardson, L. W.	2.00	Robb, J. H.	7.00
Richardson-McClure Mercantile Co.	26.65	Robbins, C. L.	31.50
Richardson Mercantile Co.	9.25	Robbins, E. T.	3.50
Richardson, Tom	2.40	Robbins, J. E.	1.87
Richardson, Virgil	1.50	Robbins, William	4.00
Richardson, W. H.	85.75	Robbins, W. A.	7.50
Richerson, C. O.	5.00	Robdu, W. R.	1.02
Richfield Implement Co.	38.08	Robertson, G. W.	5.92
Richhart, J. W.	8.70	Robertson, George W.	1.65
Richhart, Rolla	3.00	Robertson, Omar	.60
Richmond, J. B.	1.40	Robertson, Richard	1.65
Ricketts, Robt.	43.75	Robertson & Jacobson	.80
Riekman & Co., G. R.	30.00	Roberts, Abe	11.60
Rico, Frank	20.75	Roberts Bros. Mercantile Co.	32.47
Rico Item, The	2.53	Roberts, C. L.	12.00
Riddle, Frank W.	23.47	Roberts, C. R.	34.25
Rideout, Sumner	3.00	Roberts, Caesar R.	31.88
Rideout, Howard	44.00	Roberts, Clarence	1.75
Rider, Frank	12.00	Roberts, Ed.	1.75
Rider, Weldon	12.00	Roberts, Edgar	22.00
Ridgway Sun	9.99	Roberts, Elizabeth	21.00
Riedel, Lute	33.99	Roberts, E. E.	3.99
Riefer, Ed.	.75	Roberts, Frank	19.60
Rifle Reville, The	5.06	Roberts, George E.	75.00
Riggenbach, D. E.	9.13	Roberts, G. W.	2.50
Riggs, J. E.	25.00	Roberts, J. C.	154.40
Riggs, Nathan	48.00	Roberts, Kelly	126.00
Rightenour, A. J.	33.80	Roberts, M. W.	2.34
Rightenour, E. E.	6.40	Roberts, R. E.	55.00
Rightenour, J. A.	186.70	Roberts, S.	8.80
Rigtrup, Wm.	19.59	Roberts, Steven	7.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Roberts, Thos. H.	\$63.40	Rogers, W. C.	\$52.65
Robertson, A. M.	21.00	Rogers, W. L.	14.75
Robertson, A. S.	4.00	Rogers, W. T.	15.00
Robertson, Boyd J.	150.00	Rogerson, Ed.	39.00
Robertson, Friend.	1.25	Rogerson, Gene.	38.00
Robertson, Herschel.	40.00	Rogerson, Mrs. S. J.	8.40
Robertson, H. B.	17.50	Rogge, H. F.	5.80
Robertson, M. M.	192.46	Rogue River Courier.	15.30
Robertson, Tracy.	6.50	Rogue River Electric Co.	20.00
Robertson & Co., W. F.	16.16	Rohletter, H. J.	5.00
Robeson & Bitgood.	5.00	Rohrig, Henry.	24.25
Robinette, J. W.	127.50	Roland, Geo.	132.20
Robins, Roy.	2.50	Rolfson, Nels.	3.00
Robins, Sarah.	48.50	Rollins, C. L.	66.00
Robins, Wilmer.	5.00	Rollinson, J. K.	71.50
Robins, Will M.	24.30	Romans Studio.	32.00
Robinson, A. H.	25.00	Romero, Alvin.	9.63
Robinson, Bert.	2.00	Romero, Augustino.	20.00
Robinson, Benjamin F.	83.25	Romero, E.	2.50
Robinson, E.	4.65	Romero, F.	15.50
Robinson, E. E.	13.00	Romero, Frank.	2.00
Robinson, Frank.	55.70	Romero, Joaquin.	13.09
Robinson, Fred J.	21.80	Romero, Julian.	6.12
Robinson, Glen.	160.00	Romero, James A.	15.00
Robinson, Ira M.	50.00	Romero, Lucas.	20.00
Robinson, Joseph.	8.23	Romero, Margarito.	4.80
Robinson, Kenneth S.	3.75	Romero, Pedro A.	25.00
Robinson, Mary B.	69.00	Romero, Polidor.	5.67
Robinson, M. H.	102.00	Romirez, M.	11.00
Robinson, R. O.	24.00	Rommel, George.	20.00
Robinson, Scott.	2.50	Romnly, Ben.	124.50
Robinson, Walter C.	72.00	Ronstadt Co., The F.	217.75
Robinson, W. W.	32.83	Rood, E. L.	4.00
Robinson & Crandall.	5.10	Rood, Harry.	15.25
Robison, Geo. S.	21.00	Roohr, F. L.	12.00
Robnett, D. A.	3.00	Room, Henry.	1.55
Robson, George.	1.65	Rooney, W. E.	3.50
Robson, G. W.	2.85	Roosevelt Mercantile Co.	125.77
Robson, James A.	1.20	Ropal, Cruz.	3.50
Robson, Richard.	3.00	Ropas, Casimir.	2.00
Robson, Wm.	10.40	Roper, A. P.	5.00
Roche, Ashley J.	22.50	Rorle, Scott.	1.20
Rochester, J. M.	35.60	Rosa, Jr., W. H.	35.00
Rochester, R. E.	9.00	Rosalez, Francisco.	.87
Rockey, Keller E.	45.33	Rose, C. N.	41.75
Rock Springs Miner.	2.80	Rose, D. M.	2.65
Rocky Mountain Bell Telephone Co.	78.46	Rose, H. J.	8.57
Rocky Mountain Fuel Co.	6.91	Rose, H. O.	16.50
Rockwell, Charles F.	5.69	Rose, John.	2.00
Rockwood, J. A.	11.30	Rose, J. T.	4.00
Rockwood, Samuel.	4.00	Rose, R. D.	2.65
Rodda, John.	4.46	Roseborough, Logan.	20.00
Rodgers, Mrs. Anna E.	38.00	Roseburg Cold Storage & Ice Co.	3.10
Rodgers, A. N.	43.42	Roseburg Rochdale.	108.89
Rodgers, R. D.	8.00	Rosedale Mining & Milling Co.	4.65
Rodgers, W. T.	10.00	Rosen Heating Co., L. W.	14.61
Rodocker, D. A.	103.15	Rosen, L. W.	1.05
Rodovitch, Joe.	2.40	Rosenbaum, L.	4.50
Roebings's Sons Co., John A.	315.32	Rosenberg, Harry.	33.00
Roessler & Hasslacher Chemical Co.	78.00	Rosenberg, Jos. H.	2.50
Roeftger, Ed W.	25.95	Rosenberg & Jones.	149.66
Rogers, Bert.	9.00	Rosenberger, D.	3.00
Rogers, E. F., & Son.	5.60	Rosenberger, Mrs. Frances.	12.00
Rogers, E. L.	16.37	Rosenburger, Mrs. M. F.	112.85
Rogers, George.	1.20	Rosenlund, John.	3.00
Rogers, H. C.	9.72	Rosevear, James.	8.00
Rogers, James.	1.20	Roshicka, Matt.	13.80
Rogers, Joseph.	4.50	Rosinbum, Earl A.	34.00
Rogers, J. S.	16.05	Roslyn Lumber Co.	50.00
Rogers, J. W.	4.15	Rosmond, Fred.	2.00
Rogers, Leroy.	12.75	Ross, Claud.	45.00
Rogers, Perry R.	7.50	Ross, Daniel (postmaster).	39.40
Rogers, Rachel.	1.80	Ross, Elmer C.	1.00
Rogers, S. C.	22.75	Ross, Homer.	336.00
Rogers, W.	2.75	Ross, J. A.	14.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ross, N. E.	\$1.00	Rush, Steve.	\$7.20
Ross, Neil I.	8.50	Rushmer, J. T.	6.85
Ross, R. W.	50.00	Rusick, Mike.	3.30
Rost, L. C.	3.00	Russ Lumber & Mill Co.	7.57
Rote, Geo.	9.00	Russell, Albert.	6.00
Roth, Franklin.	2.60	Russell, D. P.	17.50
Roth, Robt. H.	20.80	Russell, E. A.	7.00
Rothlisberger, Frank.	5.90	Russell, Frederick A.	24.44
Rothrock, Frank.	22.50	Russell, G. H.	203.25
Rothschild, M. M.	.74	Russell, Geo. W.	20.75
Rouden, Albert.	33.00	Russell, Jesse.	228.02
Round Valley Commercial Co.	205.67	Russell, John.	5.25
Rountt County Courier.	5.13	Russell, J. F.	36.00
Rountt County Republican.	2.52	Russell, Jack M.	194.67
Rountt County Sentinel.	15.87	Russell, M.	13.00
Rountt Livery Barn.	3.00	Russell, Mason.	75.00
Row, W. R.	2.70	Russell, Sam.	1.00
Rowan, B. T.	84.15	Russell, Thomas.	109.74
Rowe, Allen.	6.00	Russell, W. D.	13.50
Rowe, George B.	57.50	Russell, W. S.	14.00
Rowe, Sanford.	14.00	Russell & Beckley.	9.35
Rowe & Martin.	.90	Rust, August.	6.60
Rowe & Son, A. C.	348.00	Rust, J. B.	5.00
Rowland, A. L.	80.00	Ruth, E. P.	13.00
Rowland, Geo. E.	37.75	Ruth, Mrs. T. B.	30.00
Rowland, J. M.	3.50	Ruth, Wilburt.	20.80
Rowland, Otis.	1.20	Rutherford, J. M.	108.00
Rowland, Rufus.	1.20	Rutherford & Stinton.	17.67
Rowland, R. V.	40.37	Ruybal, Bonifasio.	26.00
Rowley, C. H.	8.67	Ryals, Nathan.	7.65
Rowley, J. M.	19.00	Ryan, Dennis.	2.00
Rowton, J. M.	45.80	Ryan, Elbert.	5.50
Roy, Jack.	20.25	Ryan, James.	54.08
Roy & Titcomb (Inc.).	2.76	Ryan, James M.	71.50
Royal Typewriter Co.	117.00	Ryan, Joe.	1.50
Roybal, Eligio.	7.50	Ryan, Lawrence.	18.80
Roybal, Jose.	9.75	Ryan, Paul.	50.00
Roybal, Simon.	13.31	Ryan, William.	54.50
Roys, Allyn G.	15.12	Ryan, W. J.	2.75
Royston, R. T.	45.03	Ryder, Frank J.	6.00
Ruark, B. L.	6.25	Sacedad, Remigio.	10.00
Ruark, Corwin.	17.33	Sacks, Carl.	28.50
Ruberz, Martin.	118.25	Sacks, Lawler Machinery & Manufac-	
Rucker Bros.	28.50	turing Co.	108.85
Rucker, R. W.	9.00	Sacramento Bee.	17.65
Rucker, Tom.	9.00	Sacramento Pipe Works.	9.25
Ruddy, Lewis.	1.00	Sacry, B. C.	12.00
Rudick, Homer.	2.40	Sadler Furniture Co., H. R.	28.65
Rudolph, Franz.	40.00	Safe Padlock & Hardware Co. (Inc.)	
Rudolph, The Hotel.	17.30	The.	.93
Rudolph & Son, Chas. F.	51.50	Saffell, Mrs. E. J.	38.50
Rudolph & West Co.	24.66	Saffle, C. A.	2.00
Rubelmann & Son, L.	45.28	Safford Ice & Creamery Co.	9.70
Ruff, Clarence.	3.10	Saginaw Hardware Co.	65.64
Ruff, D. G.	3.00	Saginaw & Manistee Lumber Co.	218.25
Ruffner, G. C.	25.00	Sain, L. M.	3.45
Ruffy, J. L.	3.00	St. Anthony Building & Manufactur-	
Ruggles, W. Guy.	50.00	ing Co.	11.00
Ruhoff, O. E.	1.50	St. Aubin, Eugene A.	4.00
Ruiz, Rafail.	15.25	St. George Cooperative Store.	330.27
Runck, James.	6.25	St. John's Herald & Apache News.	10.00
Rundell & Meeder.	37.95	St. John Bros. Plumbing Co.	99.72
Rundle, George.	6.00	St. Louis Lumberman, The.	13.00
Rundle, John V.	20.50	Salabar, Albert.	3.75
Rundle-Spence Manufacturing Co.	906.71	Salaz, Cipriano.	28.00
Rupe, Arthur.	10.80	Salano, C. M.	38.00
Rupe, Lee.	9.90	Salazar, Felix.	15.71
Rupert, H. E.	5.00	Salazar, J. J.	6.25
Rupp, Clarence G.	35.25	Salazar, W.	9.25
Rupp, Harry K.	49.50	Salcido, Jose.	6.34
Ruppe, B.	13.15	Salcido, Ruperto.	1.49
Ruppert, H. E.	2.50	Saldanas, R.	2.50
Rural, Spirit.	1.50	Salebury, John.	7.80
Rush, Ben.	12.00	Salgado, Porfinio.	25.75
Rush, May.	17.00	Salida Record.	26.55

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Salina Call.....	\$3.00	Santa Barbara Transfer Co.....	\$31.00
Salina Cooperative Mercantile Co.....	34.25	Santa Fe Electric Tel. Co.....	10.00
Salinas Drug Co.....	5.40	Santa Fe Hardware & Supply Co.....	32.13
Salina Valley Rustler.....	16.50	Santa Fe New Mexican.....	24.60
Salisbury, E. A.....	2.75	Sappington, Ward.....	8.95
Salisbury, H. E.....	1.50	Saguache Crescent.....	20.33
Sallars, George A.....	20.00	Saraich, Obrien.....	6.60
Sallee, I. W.....	34.42	Saratoga Grocery Co.....	90.32
Salmon & Farney Stage Line.....	.35	Saratoga Sun.....	43.75
Salmon Lumber Co. (Ltd.).....	49.31	Sargent, E. H., & Co.....	33.28
Salmon River Stores Co. (Ltd.).....	21.65	Sargent, Frank.....	8.25
Salmons & Batchelder.....	7.15	Sargent, Katherine A.....	50.40
Salmons, Louis.....	4.75	Sargent, L. W.....	27.91
Salstrom, Bert.....	9.20	Sargent, Norman.....	47.50
Salter, G. B.....	1.05	Sartain, Tim.....	8.40
Salters Supply Co.....	191.24	Sarter, Theodore.....	10.00
Salt Lake Blue Print Co.....	17.55	Sasse, C. L.....	2.65
Salt Lake Hardware Co.....	328.21	Sato, T.....	7.00
Salt Lake Nursery Co.....	14.40	Sauer, Anton.....	11.00
Salt Lake Photo Supply Co.....	.75	Sauelque, Pete.....	4.00
Salvage, G. M.....	1.25	Saum, P. A.....	60.00
Salvage, W. L.....	1.25	Saunders Express.....	8.00
Salzer Seed Co., John A.....	12.34	Do.....	206.35
Sammis, M. D.....	66.57	Saunders, George.....	2.85
Sampson, Arthur.....	14.00	Savage, Andy.....	16.50
Sams Livery.....	7.00	Savage, H.....	1.50
Samuels Hotel.....	14.00	Saville, Wm.....	4.00
San Bernardino Hardware Co.....	11.95	Savoy Hotel.....	12.00
Sanborn, Vail & Co.....	214.70	Savre, O. M.....	36.67
Sanchez, J. J.....	84.00	Sawyer, J. W.....	147.50
Sanchez, L.....	16.75	Sayler, Frank.....	5.00
Sanchez, Manuel.....	13.00	Sayre, Arthur.....	59.00
Sanchez, Otobiano.....	14.50	Sayre, Bruce.....	27.50
Sand Point Drug Co.....	1.80	Scales, T. G.....	5.00
Sanders, George.....	20.00	Scanlon, John.....	2.50
Sanders, Harry.....	6.00	Scarberry, Riley.....	.60
Sanders, H. C.....	7.50	Schabbel, Henry.....	41.62
Sanders, Henry.....	15.00	Schacht, Louis.....	8.75
Sanders Co. Ledger.....	9.60	Schack, Mrs. M. A.....	52.50
Sanders Publishing Co.....	15.75	Schaefer, George.....	64.00
Sanders, Ralph.....	18.60	Schaefer, Albert.....	10.00
Sanders, Ray.....	6.00	Schaefer & Budenburg Manufacturing Co.....	25.80
Sanders, R. L.....	6.25	Schaffer, T. N.....	46.00
Sanderson, Arthur.....	3.50	Schandel, Julius.....	6.00
Sanderson, Barn.....	1.35	Schangaard, C. E.....	4.00
Sanderson, H. L.....	4.50	Schaub Machine Co.....	2.25
Sanderson & Porter, Agents.....	31.40	Scheld, J. W.....	23.50
Sanderson, Thomas.....	1.20	Schelling, W. P.....	18.00
San Diego Truck Co.....	7.25	Schenck, C. A.....	3.00
Sandford, Frank.....	13.30	Schenck, I. D.....	30.00
Sandoval, B.....	1.50	Schenk, John.....	10.12
Sandoval, E.....	3.75	Scherer, Henry.....	37.50
Sandoval, John F.....	61.88	Schermer, Fred.....	1.25
Sandoval, Ramon.....	8.00	Schertzinger, J. W.....	5.00
Sandoval, Santos.....	8.00	Schiaffino, Joseph.....	1.50
Sandoval, Seferino.....	3.00	Schick, E. A.....	36.50
Sandretto, Pete.....	6.60	Schick, W. J.....	300.00
Sandridge, A.....	16.00	Schieck, E. T.....	8.75
Sands Bros. D. G. Co.....	1.71	Schierenbeck, Henry.....	64.49
Sandy Hill Iron & Brass Works.....	1.50	Schinder, M.....	8.00
Sanfason, Alice.....	6.75	Schindler, Charles.....	34.00
Sanger, C. H.....	5.70	Schiller, John.....	7.20
San Joaquin Light & Power Co.....	10.32	Schlasman, A. H.....	144.90
San Juan Prospector.....	19.36	Schlessinger, Otto.....	20.25
Sankey, Chas.....	3.75	Schley, Otto.....	147.03
Sankey, Roy.....	1.25	Schmalle, F. S.....	17.50
San Luis Furniture Co.....	6.00	Schmiel, Walter T.....	106.50
San Luis Hardware & Implement Co.....	3.75	Schmid, Geo.....	4.25
San Miguel Examiner.....	2.75	Schmidler, Fritz.....	18.25
San Pedro, Los Angeles & Salt Lake R. R.....	6.85	Schmidt, Claus.....	15.35
Sant, W. R.....	37.00	Schmidt, A. E.....	30.00
Santa Barbara Carriage & Implement Co.....	176.00	Schmidt, Fred.....	16.02
Santa Barbara Tie & Pole Co.....	126.16	Schmidt, Fred A.....	1,482.01
		Schmidt, L. P.....	47.50



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Schmidt, O. H.	\$489.80	Scott, T. O.	\$30.00
Schmidt, R. A.	54.00	Scott, W. E.	7.69
Schmidt, Robert.	25.62	Scott, W. J.	3.00
Schmidt, Wm.	.72	Scott, Willie.	3.00
Schmitt, Otis.	8.00	Scott, Wm.	17.50
Schmitt, Matt F.	56.25	Scott, W. R.	21.00
Schmoll, Wm. F.	44.75	Scoville Press, A. L.	16.75
Schnack, E. P.	2.25	Scoville Paper Co.	245.01
Schnar, Albert.	2.50	Scraggs, A. J.	33.00
Schneider, D. D.	18.00	Scraggs, Ardee C.	1.35
Schneider, Frank A.	18.40	Scraggs, Frank.	.90
Schneider, Geo.	4.75	Scraggs, John H.	1.05
Schneider, Geo. Jr.	3.00	Scruton, T. L.	18.50
Schneider, W. J.	40.00	Scudamore, Reynolds & Co.	5.50
Schneider's Sons, C.	2.00	Seale, J. W.	7.75
Schnicke, F. A.	88.00	Seale, L. F.	7.75
Schneider, John.	13.70	Sealy-Lowell Co.	41.75
Schribe, John M.	27.00	Seaman, Fred S.	12.00
Schock Absorber Co.	16.00	Seaman, J. V.	13.25
Schock, Henry.	1.25	Searcy, E. W.	26.76
Schoenfeld, H. J.	6.50	Searle, E. A.	28.50
Schofield, John.	5.00	Sears & Son, S. S.	72.16
Scholl, Albert.	10.00	Sears, Roebuck & Co.	80.11
Scholtz Drug Co.	4.70	Sease, S. J.	4.50
Schooner, Mrs. J. R.	37.67	Sease, W. F.	6.25
Schott, George A.	596.50	Seaton, James H.	10.00
Schraimer, Anton.	6.60	Seattle Automobile Co.	1.65
Schreiber, Mrs. A. W.	25.39	Seattle Bank & Store Fixture Co.	9.00
Schreiber, Minnie L.	8.70	Seattle Daily Times.	20.50
Schreiner, H. J.	5.80	Seattle Hardware Co.	773.88
Schriber, Herman.	7.50	Seattle Market.	166.98
Schroeder, A. A.	49.50	Seattle Paint Co.	1.10
Schroeder, C. H.	51.75	Seattle Post Intelligencer.	57.80
Schuler-Knox Co.	629.28	Seattle Sporting Goods Co.	30.46
Schulman, S.	310.00	Seattle Tent & Awning Co.	7.50
Schulte, Frank.	44.75	Seattle Transfer Co., The.	28.50
Schultz, B. P.	8.23	Seavy, Grant.	33.00
Schultze & Pfeil.	182.53	Seawright, Alfred.	7.50
Schulz, H.	4.00	Sebastian, Frank.	216.47
Schulz, Herman.	30.75	Secretary of State of Colorado.	18.00
Schulz, Norman.	4.25	Security Warehouse & Improvement	
Schuster, A. & B.	76.40	Co.	12.35
Schutz, John.	12.50	See, Edward.	5.00
Schutz, Peter.	40.50	See, Sam.	20.00
Schwab, Frank.	2.25	Sellers, Thos.	16.00
Schwabacher Bros. & Co. (Inc.).	879.90	Seeley, Chas. W.	6.00
Schwabacher-Frey Stationery Co.	5.80	Seely, A. P.	1.50
Schwabacher Hardware Co.	656.32	Seely, Hyrum.	10.00
Schwarzchild, E.	32.15	Selbold, Frank.	2.50
Schwarzwald, Sam.	4.50	Selm, C. A.	2.75
Schweikert, M. H.	7.45	Seitzler, A. D.	171.07
Schwerdt, J. J.	74.00	Selak, Fred N.	11.58
Schwob, H.	10.50	Seldonridge Grain Co.	122.21
Science Press, The.	7.75	Self, Dee E.	2.50
Seater, Daniel.	11.90	Seligman Bros. Co.	1.50
Scoggrins, Fred.	5.40	Scil, Frank A.	60.00
Scossa, Will.	5.25	Sellars, Alex.	10.00
Scota, John.	3.75	Selthum, A.	.65
Scotney, A. F.	36.00	Selthum, Robert.	15.76
Scott, Alexander.	1.25	Selzer, Wm.	46.00
Scott, Andy.	250.00	Seminelli, Antone.	22.50
Scott Bar Hydraulic Mining Co., The.	2.00	Seminelli, Armand.	22.50
Scott, Elmer.	9.25	Seminelli, Frank.	22.50
Scott, F.	31.75	Sempie, Henry.	4.00
Scott, Geo.	40.00	Senders & Co. (Inc.), M.	63.50
Scott, Henry.	3.00	Seng, Joseph.	4.00
Scott, J.	5.40	Sennett, George.	54.08
Scott, Janet A.	27.00	Sennett, T. A.	22.30
Scott, Jas. D.	18.00	Sennett & Wells.	.50
Scott, James W.	60.00	Seno, Feliciano.	15.00
Scott, Leonard.	60.00	Sentinel-Record.	4.00
Scott, Lloyd.	4.25	Senteney, Sam A.	4.00
Scott, Marshall R.	1.50	Sergent, P. D.	951.00
Scott, Martin E.	1.25	Server, George.	34.50
Scott, T. C.	11.85	Service, Samuel.	38.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Servoss, F. R.	\$8.50	Shelley, G. W.	\$5.35
Sesmas, Ed.	.75	Shelley, Percy T.	19.50
Sethe, Henry.	33.50	Shelley, Mrs. S. A.	8.50
Setzer, William.	26.00	Shelly, A.	20.00
Severe, L. C.	110.00	Shelly, M.	80.25
Severe, Wm.	116.67	Shelly, M. E.	34.75
Severn, Arthur.	9.63	Shelly, T. H.	3.00
Severn, Edw. D.	16.50	Shelly, Walter.	1.12
Severson, Martin.	78.00	Shelton, J. W.	10.00
Severson, Melvin.	1.50	Shelton, R. A.	21.00
Sevier, George.	5.79	Shely, Ira.	62.50
Seville, L. J.	20.00	Shenk, George.	1.25
Seward Broom Factory.	4.45	Shenon Hardware Co.	1.65
Seward Cash Store Co.	29.35	Shenon Hardware & Implement Co.	
Seward Weekly Gateway.	15.00	(Ltd.).	27.75
Sexton, Ernest.	5.10	Shenyer, Fred.	54.10
Sexton, H. B.	.75	Shepard, C. W.	1.80
Sexton, Henry.	.75	Shepard, Miles.	5.00
Sexton, J. H.	2.00	Shepard, M. Q.	2.00
Sexton, P. B.	3.00	Shepard, Will.	5.00
Seymour, Walter R.	84.35	Shepherd, Roy.	1.50
Shackelford, O. C.	87.74	Sheridan, C. W.	10.50
Shafer, M. F.	7.00	Sherier, W. H.	5.25
Shafer, N.	113.89	Sheriff, Court.	4.50
Shaffer, Albert.	1.40	Sherlock & Lee.	3.50
Shaffer, J. A.	10.62	Sherman, C.	2.25
Shahan, Geo.	48.50	Sherman, C. G.	6.00
Shamko Star.	8.80	Sherman, Dean.	6.60
Shank, Frank.	6.75	Sherman, Frank.	1.25
Shank, Frank, jr.	5.50	Sherman, H. B.	6.00
Shank, Silas.	16.94	Sherman Livery Stable.	16.50
Shanley, W. J.	44.92	Sherman, R.	4.50
Shanley, W. P.	19.50	Sherrard, J. F.	15.75
Shannon, Mrs. J. C.	15.00	Sherrard, J. S.	10.00
Shannon, J. H.	4.00	Sherrill, Forest.	22.50
Sharp, Geo.	87.11	Sherrill, G. F.	34.00
Sharp, Ray.	31.00	Sherry, Jack.	15.00
Sharp, Thos.	7.00	Sherwin, E. W.	15.00
Sharpe, J. H.	20.00	Sherwin-Williams Co.	13.00
Sharretts, E. A.	46.35	Sherwood, J.	5.77
Shattler, N. S.	7.50	Sherwood, R. E.	3.00
Shattuck, C. H.	27.50	Shevling, L. W.	13.00
Shattuck Mercantile Co.	10.42	Shields, Burl.	21.00
Shattuck & Nimmo Warehouse Co.	73.60	Shields, Earl.	3.00
Shaughnessy, John H.	33.00	Shields, J. A.	12.30
Shaw, Alve E.	7.77	Shields, O. C.	7.25
Shaw, Delmar.	8.00	Shields, R. W.	7.50
Shaw, F. L.	8.50	Shields, S. A.	75.00
Shaw, Frank.	3.75	Shields, S. M.	23.00
Shaw, I.	41.50	Shields, Wm. E.	18.00
Shaw, Peter M.	5.00	Shilling, Geo.	14.75
Shaw, Ralph R.	35.00	Shimakado, S.	17.00
Shaw, Robert.	30.50	Shimer, George.	1.75
Shaw, W. H.	372.81	Shimotsu, Michi.	10.00
Shaw, W. T.	84.00	Shipley, Elias.	6.50
Shea, Frank.	10.00	Shipman, G. W.	47.42
Shea, William.	85.90	Shipman, John.	1.50
Shealy Safe Vault Co., The.	25.00	Shipp & Perry.	1.50
Shear, William W.	2.10	Shippley, Julius.	12.50
Sheard, W. F.	11.50	Shive Bros. & Co.	310.59
Shearer, A. E.	40.50	Shock, Lester H.	26.00
Shearer, Henry.	1.80	Shock Absorber Co.	2.00
Shearer, William L.	9.50	Shockley, Percy C.	17.50
Shears, Nellie M.	75.00	Shoemaker, A. E.	1.25
Shedd & Bro. Co., S. S.	193.05	Shoemaker & Busch.	165.83
Sheehan & Fisher.	2.61	Shoemaker, Theodore.	10.50
Sheehan, J.	7.50	Shoemaker, Wm.	52.00
Sheehan, O. E.	2.50	Shoop, Geo. F.	27.15
Sheen, Ed.	2.90	Shoreham, The.	98.50
Sheephorn School District.	10.00	Shores, B. F.	4.00
Sheets, Frank C.	31.25	Short, Estus.	148.00
Sheetz, W. Silas.	208.94	Short, Frank J.	39.00
Shelk, George.	1.00	Short, John B.	30.00
Shelhamer, G. W.	24.00	Short, Mrs. J. H.	11.04
Shell-Combs Co.	371.24	Short, John W.	23.50

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Short, R. G.	\$10.50	Sinaiko Bros.	\$1.00
Short, W. J.	24.00	Sinclair, Jim.	6.00
Short, W. L.	6.00	Sinclair, John.	6.00
Shotwell, E. E.	242.94	Sinclair, Marcus.	52.50
Shreadn, Fred.	3.00	Sindlinger & Miles.	16.73
Shriver, Wm. A.	16.00	Singleton, Jack.	2.30
Shugard, M.	18.00	Singleton, Sol.	2.30
Shulor, Epp.	2.50	Siuslaw Lumber Co.	5.25
Shultz, Charles.	3.75	Siri, Giovanni.	20.00
Shultz, J. J.	20.00	Sisemore, L. C.	81.66
Shumway Bros.	24.00	Siskiyou News.	3.00
Shupe, Garcia W.	5.40	Siskiyou Telephone Co.	16.25
Shupe, W. A.	3.50	Sissler, Charles.	3.00
Shurthliff & Co.	136.50	Sisson, De Witt.	181.25
Shy, James D.	101.62	Sisson, Jerry Stable.	30.00
Shy, Vest.	15.15	Sitton, Lerry.	1.62
Sibley, Robert.	2.70	Sitton, Will.	2.94
Sibenman, R. A.	3.75	Sizer, R. J.	146.93
Siecke, Jessie A.	32.00	Skaar, E. T.	16.00
Siegel, Walter.	5.00	Skaggs, Tobe.	2.00
Siegmund, Frank.	4.50	Skaggs, N. B.	35.85
Sievers, H. J.	25.00	Skaggs, Tobe.	4.35
Sievers, Wm. O.	19.50	Skalet, O. O.	200.62
Sierra Daily Times.	36.67	Skarr, Eliert.	171.38
Sierra Madre Central Market.	3.60	Skarr, Iard.	21.00
Sigler, Elizabeth.	42.00	Skeels, Charles A.	45.00
Siko, Joe.	37.86	Skeels, N.	6.00
Sillgo, Laine.	3.00	Skelton, H. F.	15.00
Sillers, Thomas.	109.50	Skelton Publishing Co.	2.74
Silva, Marcelino.	5.00	Skervis, John.	3.00
Silver Belt Publishing Co.	4.50	Skincladen, P.	12.00
Silver Bros. & Warner.	5.50	Skinner, C. W.	3.75
Silver City Enterprise.	13.60	Skinner, H. C.	13.50
Silver City Independent.	9.79	Skinner, S. S.	40.79
Silver Messenger, The.	23.40	Skinner, Thomas.	1.00
Silver State.	22.20	Skookum Copper Mining Co.	449.50
Silverton Standard.	2.48	Skyles, J. E.	122.13
Silvertooth, F. W.	30.10	Slangstrom, Luke.	148.00
Silvertooth, J. A.	4.50	Slade Transfer, The.	80.15
Simmons & Beckon.	106.80	Slanoker, J. E.	1.00
Simmons, B. E.	3.25	Slater & Co.	11.25
Simmons, Bert.	70.80	Slater, George.	2.75
Simmons, Mrs. Bert.	69.90	Slater, Henry M.	11.25
Simmons & Calderwood.	95.51	Slater, James.	84.50
Simmons, E. Earle.	7.50	Slater, J. R.	1.25
Simmons Hardware Co.	53.50	Slavens, H. R.	5.25
Simmons, J. A.	8.50	Slawser, D. E.	6.00
Simmons, John B.	23.36	Sleeper, V. B.	40.00
Simmons, O. C.	24.40	Sleeper, Vann.	4.00
Simmons, Robert.	4.00	Sliffe & Briery.	42.00
Simmons, Shack.	5.00	Sliger Co., Adam.	610.00
Simmons, T. E.	22.50	Slitch, Ora.	9.30
Simons, Geo. H.	7.00	Slitter, A.	3.75
Simons, L. N.	1.65	Slitter, Joel.	3.75
Simons Paint & Paper House.	3.25	Sloan, A. L.	6.25
Simons, William.	20.15	Sloan, B. F.	3.50
Simons, William F.	91.75	Sloan, J. B.	17.95
Simpson, Alex.	23.50	Sloan, Otis.	2.00
Simpson, Claude.	33.37	Sloan, Robert.	17.50
Simpson, E.	6.50	Sloan, Thos. W.	17.25
Simpson, E. L.	4.00	Sloanaker, L. Vernon.	21.00
Simpson, Fred.	20.50	Sloane, John.	.50
Simpson, F. O.	2.00	Sloane, W. & J.	12.06
Simpson, George.	30.00	Slotten, Ed.	13.50
Simpson & Gillette Sign Co.	2.00	Slusher, Oliver.	6.75
Simpson, Howard.	65.25	Small, D.	1.50
Simpson, Jimmie.	2.40	Small, Henry.	11.25
Simpson, J. N.	8.05	Smalley, Harry.	48.00
Simpson, Robert.	7.82	Smedley Co., The.	105.65
Simpson, Samuel.	50.00	Smedley, H. C.	4.34
Simpson, Thos. H.	23.50	Smeed Bros.	20.50
Sims, A. L.	28.87	Smiley, L. V.	22.65
Sims, John.	66.62	Smith & Co.	9.60
Simson, Emanuel.	6.95	Smith, A. C.	9.35
Simson, Orville.	9.80	Smith, Alex.	34.47



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Smith, A. P.	\$6.00	Smith, N. B.	\$48.00
Smith, Arthur C.	18.25	Smith, Nelson.	42.50
Smith-Booth Usher Co.	336.01	Smith, Oney C.	69.00
Smith-Brooks Printing Co., The	21.00	Smith, Oscar.	120.48
Smith Bros. Lumber Co.	42.81	Smith, P. T.	1.33
Smith, Charles.	47.50	Smith & Pelton.	9.00
Smith, Carol A.	15.00	Smith-Premier Typewriter Co.	1.40
Smith, Mrs. C. C.	2.00	Smith, Dr. R.	53.50
Smith, C. E.	70.50	Smith, Richard L.	66.00
Smith, Chas. C.	1.83	Smith, Robert.	40.68
Smith, C. F.	22.50	Smith, Roy.	36.00
Smith, Charles W.	151.31	Smith, R. J.	69.00
Smith, Colen.	4.00	Smith, S. M.	15.00
Smith, Chris.	10.00	Smith, Sam T.	18.50
Smith Co., W. T.	60.27	Smith-Sherlock Co.	21.18
Smith & Corner.	78.65	Smith, Thomas.	35.25
Smith, D.	32.00	Smith, T. A.	56.10
Smith, D. E.	28.00	Smith, T. O.	25.00
Smith, Mrs. Dell.	5.25	Smith, T. T.	4.30
Smith, Dill.	123.00	Smith, Thos. W.	30.20
Smith, D. H.	5.00	Smith, W. A.	117.72
Smith, D. J.	6.75	Smith, William H.	84.60
Smith Drug Co.	29.95	Smith, W. L.	16.00
Smith, Ed.	51.00	Smith, W. M.	3.50
Smith, E. A.	19.40	Smith, William.	3.37
Smith, Edward E.	10.81	Smith, W. P.	9.20
Smith, E. H.	62.75	Smith, W. T.	35.00
Smith, E. T.	127.50	Smith, William W.	19.40
Smith, Elijah.	3.00	Smithers, Frank.	6.00
Smith, F. A.	7.50	Smithies, Frank.	23.00
Smith, Floyd.	12.00	Smithton, J. B.	2.40
Smith, F. D.	15.40	Smithton, Wm.	2.10
Smith, Francis.	654.00	Smithy, Wm.	1.05
Smith, Francis G.	31.50	Smock, J. M.	15.00
Smith, Frank.	6.17	Smoot, Frank.	15.00
Smith, Franklin H.	34.00	Smoot, Lee.	11.87
Smith, George.	28.75	Snake River Implement Co. (Ltd.)	63.40
Smith, George B.	18.34	Snake River Lumber Co.	10.11
Smith, G. C.	2.70	Snake River Sentinel.	18.00
Smith, Geo. D.	52.00	Sneathern, T. J.	10.80
Smith, Geo. J.	7.00	Sneed, Martha.	7.20
Smith, Gertrude.	87.00	Sneed, Mattie B.	3.40
Smith, Geo. W.	34.85	Snell, A. M.	43.50
Smith, Guthrie.	2.80	Snell, C. O.	15.00
Smith, H. B.	27.85	Snell, F. M.	25.00
Smith, Henry.	1.50	Snell, L. H.	101.75
Smith, H. F.	5.10	Snelling, Bena.	45.00
Smith, H. L.	24.50	Snider, W. D.	39.45
Smith, H. M.	8.00	Snively & Hendry.	401.23
Smith, James.	70.50	Snively & Snively.	31.90
Smith, John.	32.65	Snodgrass, G. E.	12.00
Smith, J. E.	12.50	Snodgrass, Warren.	88.67
Smith, J. F.	.80	Snook, Chas. W.	53.19
Smith, Jas.	2.00	Snow, Chas.	24.00
Smith, James W.	10.00	Snow, C. H.	15.00
Smith, John L.	35.00	Snow, Ellis B.	26.00
Smith, J. P.	3.00	Snow Furniture Co., E. B.	27.36
Smith, John R.	11.25	Snow, Frank.	86.20
Smith, J. S.	.70	Snow, Hattie M.	18.00
Smith, Joseph.	4.80	Snow, Jeter.	21.00
Smith, Joseph W.	43.26	Snow, R. N.	10.00
Smith, J. X.	2.15	Snowy Butte Mills.	4.16
Smith, Lazelle.	17.50	Snyder, A. W.	3.90
Smith, Lee.	12.37	Snyder, W. P.	155.27
Smith, Lee A.	11.10	Snyder, Robert.	24.00
Smith, Leonard.	15.00	Sobey, R. T.	11.55
Smith, Lewis.	23.75	Sockerson, Alfred.	30.00
Smith & Son, L. T.	5.70	Socorro County Publishing Co.	67.92
Smith, Luke E.	400.00	Soda Springs Chieftain.	3.25
Smith Manufacturing Co., R. H.	47.85	Soderstrum, J. P.	121.67
Smith, Mary.	161.00	Solberg, Ludwig.	3.00
Smith, Maude I.	45.00	Solberg, Phil.	4.75
Smith, Mavor.	19.50	Solduck Hot Springs Co.	27.73
Smith, M. J.	24.50	Soledad Mercantile Co.	33.54
Smith, M. V.	2.25	Soliz, F.	2.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Sollars, J. W.	\$2.75	Spencer, Roy H.	\$402.50
Sollars, G. H.	30.00	Speirs, Isaac W.	6.00
Sollender Mercantile Co.	1.75	Spicer & Jones	266.53
Solomon, Charles	21.50	Spiegel, H.	1.25
Solwoll, Geo.	37.80	Spier, Marshall B.	30.00
Somerville Co., Thos.	.98	Spiehl, William	33.60
Somers, John B.	52.50	Spohn, Bernice	37.50
Somes, Leroy	18.00	Spokane Hotel	32.40
Sommer, Morris	55.53	Spokane Seed Co.	104.18
Sommers, C. A.	56.40	Spokesman Review, The	23.00
Soon, Woh.	3.60	Sponsler, O. T.	24.00
Soper, R. M.	12.00	Spooner, Jasper F.	7.50
Sopper, Frank	5.00	Spoor, James	3.00
Sorenson, Andrew	7.00	Spot Cash Store, The	2.00
Sorensen, Julius	4.50	Spradling, H. P.	84.49
Sorensen, S. C.	43.50	Sprague, Edgar	118.00
Sorrells, D. B.	8.00	Sprague, Ethel	6.00
Souter, H. Dale	16.67	Sparker, C. H.	5.40
South, G. W.	46.91	Sprigler Co.	42.50
Southard, E. D.	57.50	Sprigs, Archie	13.80
Southard, Gus	43.00	Springer Transfer Co.	78.50
Southard, R.	8.51	Springs, Charlie	1.25
Southard, W. L.	12.43	Springstreet, Geo.	2.25
Southern Lumberman	21.00	Sromberg, Max	10.00
Southern Pacific Milling Co.	25.05	Spur, Chas.	1.80
Southern Printers Supply Co.	550.13	Spur, John	3.40
Southern Stage Co.	28.00	Spurgen, Luther	1.95
Southern Utah Equitable	9.28	Spurgeon, Leo	1.50
Southern Utah Telephone Co.	3.00	Squires, Geo. E.	68.70
Southern Utah Whse. Co.	16.00	Squires, John	11.65
Southern Wisconsin Foundry Co.	12.53	Squires, Jos. F.	29.25
Southland, Harry	23.95	Staats, John	64.50
Southwick, E. A.	12.00	Stable, O. K.	54.00
Southwick, E. W.	2.50	Stacey & Co.	7.50
Southwick, G. A.	40.50	Stachonrak, Mike	2.75
Southworth, R. H.	21.45	Stack Supply Co. (Inc.)	270.64
South Side Elevated R. R. Co.	10.00	Stacy, F. A.	98.81
Sowards, C. R.	3.60	Stafford, U. S.	481.25
Spackman, Chas. A.	58.00	Stage, Guy	18.50
Spangler, Lysle E.	32.75	Stagg, J. P.	7.30
Spanish Fork Cooperative Institution	25.50	Staggs, R. L.	1.20
Sparavola, Pete	6.60	Stahl, Fred	7.50
Spargo's Book Store	1,670.67	Stahr, Maud	5.00
Spargo, Joseph	18.00	Stainer, Jul.	1,095.00
Sparks-Moore Hardware Co.	140.90	Stalcup & Son, S. L.	54.00
Sparks-Moore Mercantile Co.	158.04	Statts, John	5.00
Sparr Co., C. W.	16.60	Stamos, Bill	9.00
Spaugh, J. T.	12.50	Stamps, Mrs. Ethel	12.00
Speaker, Sylvester	527.50	Stamps, R. K.	4.00
Spear Bros.	60.25	Stancel, Robert	16.25
Spear, C. J.	5.00	Stanchfield, J. G.	18.25
Spear, Frank	34.30	Standard Furniture Co.	119.40
Spear, John D.	1.20	Standard Lumber Co.	41.73
Spearfish Enterprise	2.75	Standard Oil Co.	99.48
Spears, Paul L.	115.00	Standard Oil Co.	31.61
Speckmann, P. A.	1.56	Standard Publishing Co.	38.85
Spedden, H. S.	80.03	Stander, Clyde	24.00
Speelman, George E.	19.80	Standridge, Grant	1.80
Speer & Co., B. C.	52.19	Standridge, Robert	1.40
Speer, John	2.40	Stanley, Ernest	2.00
Spelger & Hurlbut (Inc.)	5.26	Stanley, Fred	45.00
Spence, Gilbert J.	31.00	Stanley, Lizzie I.	110.00
Spence, H. E.	27.75	St. Anthony B. & M. Co.	62.65
Spencer, David C.	12.00	Stanton, J. M.	6.25
Spencer, E. B.	5.00	Stapish, Arthur	23.75
Spencer, Elmer	33.00	Stapley & Co., O. S.	199.49
Spencer, Frank C.	103.25	Star, The	2.53
Spencer, Fred	7.05	Star Livery Stable	63.00
Spencer, H. L.	25.74	Star Market Co.	12.26
Spencer, Harwood & Co.	47.20	Star Valley Independent	5.75
Spencer, J. G.	9.79	Stark, Jas. L.	30.00
Spencer, Joe	6.00	Stark, Mrs. M.	9.55
Spencer Lens Co.	32.07	Stark, Roy	74.10
Spencer Lumber Co.	621.60	Stark, William	10.00
Spencer, R. C.	82.50	Starzinger, Vincent	133.33

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
State Nursery Co. ....	\$57.28	Stevens, Leonard. ....	\$60.00
Staten, Sam. ....	3.75	Stevens, Maloney & Co. ....	5.00
Staten, G. J. ....	3.00	Stevens, Ralph K. ....	45.00
States & Natzel Co. ....	127.61	Stevens (Sidney) Implement Co. ....	3.85
Statton, W. O. ....	115.16	Stevens, T. N. ....	128.00
Stauffer, Mrs. E. H. ....	1.00	Stevens, William. ....	6.00
St. Croix Lumber Co. ....	4.34	Stevens, W. J. ....	60.00
Stead, Wm. ....	5.50	Stevenson, Arthur. ....	17.00
Steadman, W. L. ....	6.75	Stevenson, Joseph A. ....	24.00
Stearns, Mrs. A. M. ....	56.25	Stevenson, J. P. ....	27.00
Stearns, R. ....	2.40	Stevenson, Lloyd. ....	33.00
Stebbins Hardware Co. ....	18.68	Stevenson Lumber Co. ....	2.75
Steele, Hindson & Co. ....	180.00	Stevensville Mercantile Co. ....	73.80
Steele, H. A. ....	36.69	Stevensville Register. ....	3.00
Steele, William. ....	30.00	Steves, E. J. ....	13.00
Steenerson, Hale. ....	20.00	Stewart, Alex. ....	11.00
Steere, Fred. ....	1.50	Stewart, C. A. ....	53.53
Stein, F. J. ....	3.00	Stewart, C. H. ....	75.26
Stein, Henry. ....	18.00	Stewart, Chas. R. ....	16.50
Stein, John. ....	8.75	Stewart, Cloyd L. ....	24.00
Steinbach & Alt. ....	6.00	Stewart, Geo. ....	3.00
Steinberger, H. E. ....	6.50	Stewart, Harley. ....	2.50
Steinberger, L. E. ....	9.50	Stewart & Holmes Drug Co. ....	7.60
Steiner, August. ....	9.00	Stewart, James. ....	4.50
Steiner, Ben. ....	3.75	Stewart, J. B. ....	1.20
Steiner & Crowell. ....	74.60	Stewart, J. E. & Co. ....	23.86
Steiner, G. W. ....	21.00	Stewart, John A. ....	2.50
Steiner, Harry. ....	10.00	Stewart, John. ....	31.00
Steiner, Jesse. ....	57.00	Stewart, J. R. ....	9.00
Steinfeld & Co., Albert. ....	324.70	Stewart, Kate E. ....	70.00
Steinmeyer, Mrs. Anna L. ....	2.50	Stewart, L. B. ....	44.00
Steinmeyer, H. H. ....	8.50	Stewart, M. A. ....	4.85
Steinmeyer, T. H. ....	3.50	Stewart, Thos. R. ....	80.00
Stelcer, Bill. ....	3.90	Stewart, Thos. W. ....	27.00
Stell, Henry. ....	7.75	Stewart, Vick. ....	.70
Stenlund, Amelius. ....	2.25	Stewart, William. ....	24.00
Step, W. H. ....	15.00	Stewart, Zella. ....	12.50
Stephan, Geo. H. ....	20.32	Stewnes, Bert. ....	6.00
Stephens Bros. ....	26.80	Stice, G. G. ....	12.00
Stephens, David, estate of. ....	50.05	Stickney, Mallory N. ....	27.00
Stephens Hotel. ....	6.00	Stidham, Pat. ....	5.00
Stephens, John. ....	22.62	Stigen, L. P. ....	18.20
Stephens, John W. ....	75.00	Still, H. D. ....	4.50
Stephens, Lafayette. ....	1.20	Stillapage, E. G. ....	2.50
Stephens, Thomas. ....	90.00	Stillinger, C. A. ....	62.90
Stephens, Sidney. ....	12.30	Stillman, Carl. ....	4.25
Stephens, T. H. ....	85.00	Stimmel, E. H. ....	124.38
Stephens, W. A. ....	162.55	Stine, Ben. ....	120.00
Stephens & Stephens. ....	38.70	Stine, Blaine. ....	18.00
Stephenson, E. D. ....	1.00	Stine, F. A. ....	94.50
Stephenson, H. G. ....	70.00	Stine, G. B. ....	5.00
Stephenson, James B. ....	40.39	Stinnerman, E. J. ....	13.00
Stephenson, J. P. ....	4.00	Stinnessen, Harold. ....	10.50
Stephenson, L. A. ....	92.00	Stinger & Campbell. ....	10.00
Stephenson, Raymond. ....	14.38	Stinglen, Tom. ....	15.60
Sterrett, M. E. ....	20.00	Stinson, W. H. ....	4.00
Stevens, Arthur. ....	13.00	Stirling Mercantile Co., The. ....	5.15
Stevens, Ben L. ....	92.05	Stiverson, N. O. ....	39.00
Stevens, B. P. ....	4.50	Stockdale, Lewis C. ....	246.67
Stevens, Edward. ....	25.20	Stockett-Fiske Co., The. ....	20.10
Stevens, E. H. ....	2.50	Stockgrower and Farmer. ....	8.96
Stevens, Ernest. ....	12.50	Stockham Bros. ....	416.25
Stevens, F. J. ....	10.00	Stocks, Edwin. ....	14.00
Stevens, F. M. ....	1.50	Stock, H. J. ....	9.00
Stevens, George. ....	31.50	Stoddard, Carl. ....	18.40
Stevens, Geo. H. ....	23.50	Stoddard, E. ....	6.00
Stevens, G. W. ....	62.60	Stoddard, J. R. ....	7.00
Stevens Hardware Co. ....	37.45	Stoddard, Samuel W. ....	8.25
Stevens Hardware Co., J. W. ....	90.65	Stoddard & Son. ....	6.43
Stevens & Hunefeld. ....	4.30	Stoelting Co., C. H. ....	26.92
Stevens, James Robert. ....	3.00	Stoker, Alfred. ....	14.00
Stevens, J. B. ....	1.25	Stokes, Charles. ....	23.45
Stevens, John. ....	2.50	Stokes, Howard. ....	56.25
Stevens & Co., Jos. E. ....	35.24	Stokes, H. J. ....	350.00
Stevens, J. W. ....	14.20	Stokes Machine Co., F. J. ....	100.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Stokes & McCoid.....	\$289.05	Strong, John.....	\$153.00
Stoll, C. F.....	20.00	Strong, Joseph.....	158.12
Stoll Co., Paul.....	44.00	Strong, L. N.....	15.00
Stomley, Paul.....	3.00	Strong Co., R. II.....	10.10
Stone, Bim.....	11.37	Strong, Robt. W.....	110.00
Stone, Edwin A.....	42.00	Stroud, F.....	18.00
Stone, E. D.....	3.00	Stroud, John.....	56.55
Stone, M. L.....	35.00	Stroup, Harry B.....	27.50
Stone, Pearl.....	5.00	Stroup Lumber Co., The.....	38.61
Stone, P. L.....	34.40	Stryker, Rufus.....	34.00
Stone & Van Bergen.....	53.00	Stuart, A. L.....	15.33
Stone, W. F.....	114.48	Stuart, Ben.....	36.00
Stoneberg, Oscar.....	12.00	Stuart, E. T.....	3.75
Stonechest, James.....	2.00	Stuart, John.....	3.10
Stoner, Lester J.....	1.50	Stubbs Contracting Co., The J. E.....	8.10
Stonewall, Wm.....	91.00	Stukert, Edward.....	3.00
Stoots, Frank.....	1.50	Stuckey, A. B.....	17.92
Stoots, Ralph.....	1.50	Stuckey Bros.....	25.75
Stoppie, John.....	33.75	Stuckey, James.....	98.00
Store, The L. D.....	2.05	Studebaker Bros. Co.....	288.60
Storgenger, P.....	4.40	Stull, W. A.....	11.31
Stotenburg, J. R.....	14.25	Stulling, C. J.....	8.00
Stotler, Elroy.....	3.00	Sturmbangh, Gus.....	37.63
Stotler, Gladys B.....	81.00	Stump, P. V.....	11.00
Stotler, Jos.....	3.00	Stump & Spaulding Lumber Co.....	255.45
Stotler, Walter.....	1.75	Stuppl, Clarence.....	25.00
Stotler, Wilbert.....	2.50	Sturgess, E. L.....	5.00
Stott & Co., Chas. G.....	1,110.06	Sturgill, Rolland L.....	123.75
Stouffer, W. E.....	109.78	Sturr, P. J.....	4.00
Stough, Oliver.....	1.00	Stutsman, Chas. H.....	9.75
Stoughton, G. L.....	6.00	Suckow, Lawrence.....	16.20
Stout, Ed A.....	14.37	Suckow, Leonard.....	18.60
Stout, H. G.....	50.00	Suckow, Silas.....	18.00
Stout, H. M.....	1.50	Sucorich, Anton.....	41.95
Stover, A. D.....	24.75	Sugar House Livery.....	14.00
Stover, Alex.....	50.00	Sugg, Sarah A.....	132.45
Stover, Harry.....	16.50	Suits, Carl.....	2.85
Stover, L. H.....	2.40	Suits, J. C.....	2.00
Stover, W. W.....	3.96	Sullivan, Clifford.....	.29
Stow, Geo. W.....	64.56	Sullivan, Dennis.....	3.00
Stowell, Jesse.....	17.00	Sullivan, Frank W.....	3.00
Strader, F. E.....	.50	Sullivan, Jas. A.....	23.25
Straight, Dan.....	30.00	Sullivan, M.....	7.50
Strake, John.....	30.50	Sullivan, Mike.....	2.00
Strands Nursery.....	31.50	Sullivan, Wm., jr.....	13.00
Strater House.....	21.50	Sulloway, Earl.....	124.50
Stratton, E. O.....	12.00	Sulloway, J. W.....	10.55
Stratton, Frank.....	10.00	Summers, John.....	27.00
Stratton, J. M.....	26.50	Summit, Charles.....	1.50
Stratton, J. W.....	1.50	Summit County Journal.....	8.95
Straus, August.....	5.00	Summit, Joseph.....	3.15
Straw, Gus.....	7.25	Summit, Lee.....	6.00
Straw, John J.....	7.50	Sumner & Son, Edwin.....	4.50
Strawn, Nella B.....	37.50	Sumner, Lynn.....	10.00
Strawn, Paul L.....	62.00	Sumner & Morris.....	88.75
Street, Mrs. H. K.....	24.00	Sumpter Forwarding Co.....	365.11
Street, John T.....	35.00	Sumpter, J. D.....	5.10
Streeter, A. D.....	10.28	Sundance Hardware Co.....	109.68
Strelinger Co., Chas. A.....	59.75	Sundance Pharmacy.....	13.60
Stretch, R. A.....	22.00	Sumuda, S.....	7.00
Strevell-Patterson Hardware Co.....	70.00	Supan, Milton.....	15.38
Strick, Thomas, jr.....	4.00	Super, Henry.....	14.00
Strickland, Richard.....	1.00	Superior Lumber & Mill Co.....	14.45
Strickler, W. S.....	2.40	Superior Rubber Type Co.....	230.21
Stricklin, Etta.....	.90	Surface Creek Champion.....	2.97
Stricklin, George.....	2.02	Sussman Photo-Stock Co.....	25.90
Stricklin, Minnie.....	1.50	Sutermeister, Edwin.....	3.00
Stricklin, Mollie.....	.90	Sutherland, Angus.....	60.00
Stricklin, Susan.....	.67	Sutherland, Floyd.....	3.00
Stringer, J. K.....	20.28	Sutherland, Frank.....	1.00
Strobridge, Jason.....	10.00	Sutherlin, John.....	12.00
Stromberg, C. J.....	2.00	Suts, W. R.....	13.75
Strong, A. M.....	7.50	Sutter, Carl.....	21.00
Strong Bros.....	41.20	Suttles, H. M.....	10.00
Strong, E. J.....	4.60	Sutton, Ernest.....	32.19

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Sutton, Geo.	\$18.60	Tate, Raymond.	\$64.00
Sutton, J. P.	24.00	Tatum Co., Saml. C.	2.16
Sutton, W. B.	14.00	Taulane Sons, Geo.	157.50
Suwerkup, John.	96.84	Tawney, H. A.	2.00
Suwerley, David.	2.50	Tayles, B.	25.00
Swain, John.	3.00	Tayles, C.	29.50
Swain, T. L.	48.00	Tayles, Fred.	33.00
Swainson, Edward.	30.62	Taylor, Athol W.	2.00
Swallow, Bert.	2.00	Taylor Bros.	102.67
Swander Grocery Co.	99.21	Taylor, Charles.	1.25
Swanfeldt Tent & Awning Co.	10.35	Taylor, C. C.	6.00
Swansborough, Thomas.	8.15	Taylor, C. M.	86.63
Swanson, Gus.	24.00	Taylor, Evelyn.	32.50
Swanson, John.	7.50	Taylor, E. E.	506.30
Swanton, Wm. E.	7.00	Taylor, E. F.	11.00
Swapp, J. A.	30.00	Taylor, E. H.	2.00
Sward, Frank.	2.00	Taylor, Florence.	2.00
Swartout, C. B.	9.68	Taylor, Fred.	1.00
Swartz, F. C.	70.92	Taylor, George.	5.75
Swartzlager, C. G.	23.25	Taylor, Henry.	15.00
Swayze, Bailey & Co.	210.11	Taylor, Johnson.	1.25
Swayze, Joseph.	5.00	Taylor, Jos.	30.00
Swayze, W. L.	2,638.22	Taylor, John B.	25.00
Sweat, Henry.	1.05	Taylor, J. K.	50.75
Sweat, Newt.	1.05	Taylor, Joe M.	305.00
Sweeney, James.	60.75	Taylor, J. R.	9.00
Sweeney, J. J.	64.85	Taylor, J. W.	18.00
Sweeney, Michael.	86.00	Taylor, James W.	12.00
Sweeney Hardware Co., Tom.	121.90	Taylor, Joe M.	55.00
Sweet, Irving C.	5.00	Taylor, L.	16.99
Sweet, J. E.	7.50	Taylor, Lees.	68.81
Sweet Co., S.	177.50	Taylor Lumber Co., Henry.	42.31
Sweet, Wallach & Co.	15.72	Taylor, Philip.	42.63
Sweting, Charles.	15.00	Taylor, Reed D.	24.00
Sweetman, J.	1.75	Taylor, S. R.	66.00
Swenson, Henry.	58.80	Taylor, Thomas.	22.50
Swenson, James.	53.20	Taylor, Walter.	2.75
Swift & Co.	332.08	Taylor, Warren.	1.30
Swift, Grace I.	20.62	Taylor, William R.	13.00
Swift Hardware Co., J.	37.80	Taylor & Sons, L. R.	32.55
Swift, W. A.	35.00	Tchumpee, John.	6.40
Swilley, A. C.	1.50	Teabo, O. B.	7.50
Swisher, Sam.	2.40	Teaftaylor, D. F.	4.50
Switzer, All.	2.50	Teal, Fred.	14.00
Switzer, Bert W.	26.50	Technical Publishing Co.	2.50
Sykes, James E.	36.00	Technical Supply Co.	34.28
Sykes, S. K.	271.10	Tedford, J. N.	20.00
Syms-York Co.	3.75	Tedrow, Nate.	8.25
Tablet & Ticket Co., The.	.42	Teel, Sam.	2.80
Tabar, Chas.	36.25	Teeples, D. J.	242.10
Tabor Produce Co.	5.00	Tegtmeler, F. T.	20.50
Tacoma Ledger.	65.30	Telephony Publishing Co.	2.00
Tacoma Office Supply Co.	2.50	Teller Corporation (Ltd.)	2.21
Tacoma Photo & Dental Supply Co.	1.95	Telluride Power Co.	3.90
Taeckens, Eduard.	33.75	Temple, Geo. H.	26.47
Tagert, W. C.	66.50	Ten Eyck, C. E.	12.00
Tagliabru Manufacturing Co., Chas. J.	12.00	Ten Eyck, Edd.	92.75
Tallor, George E.	21.40	Ten Eyck, George.	140.25
Takahashi, C.	.50	Ten Eyck, Henry.	83.00
Talbot, Frank.	27.00	Ten Eyck, R. A.	45.08
Talcott, S. C.	6.50	Ten Eyck, Rosa B.	25.74
Tallmadge, Harry.	4.00	Tennent, Emily W.	21.50
Talmage Co., W. A.	2.00	Tenney, W. A.	20.00
Tamako, Harry.	2.50	Tenney, Jr., W. M.	10.00
Tamplin, Bert.	36.25	Tennis, Lee.	14.99
Tandy, J. W.	3.94	Tephentaylor, Chas.	49.00
Tanner, Fred.	51.95	Terhune, F. W.	59.00
Tanner, John.	1.20	Terhune, O. W.	7.25
Tanner McMullin Mercantile Co.	288.50	Terrien, James.	7.50
Tanner, R. C.	22.50	Terrill, Frank.	4.00
Tanner, Russell J.	20.00	Terry, Ernest.	11.01
Taos Mercantile Co.	11.04	Terry, Ferril.	24.75
Taos Valley News.	9.52	Terry, John.	12.50
Tapez, Marques.	.75	Terry, L. M.	9.50
Tappen, John.	3.30	Terwilgar, Morgan.	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Tesson, C. A.	\$17.50	Thompson, John	\$3.96
Tester, J. F.	1.00	Thompson, J. E.	57.50
Teton Peak-Chronicle.	2.40	Thompson, E. H.	10.00
Teevalt, D.	25.00	Thompson, John H.	9.25
Thaarum, John.	4.75	Thompson, J. M.	120.00
Thackwell, H. L.	46.67	Thompson, John S.	15.00
Thain Bros.	24.00	Thompson, K.	2.75
Thalls, H. L.	11.51	Thompson, L. E.	50.00
Thatcher Livery Co.	2.50	Thompson, L. L.	5.00
Thayer, Thos.	6.00	Thompson, M.	60.15
Thelen, Rolf.	45.11	Thompson, Major.	4.00
Thener Bros.	75.21	Thompson, N. E.	11.25
Thenon, Edward.	3.00	Thompson, P. J.	45.00
Tribune Co., The.	15.75	Thompson, Roy.	20.00
Trustee Co. of Seattle, The.	10.50	Thompson, Russell.	2.50
Thias, Edward W.	32.62	Thompson, R. L.	7.50
Thickeus, J. H.	1.50	Thompson, Mrs. S. S.	34.00
Thiebideau, Lizeme.	102.00	Thompson, T. P.	11.40
Thiel, Ferdinand H.	32.50	Thompson, Wm. H.	7.77
Thiele, G. A.	21.14	Thompson & Co.	3.92
Thiele Co., The Henry.	106.00	Thompson & Co., A. T.	18.00
Thissell, Hal.	20.00	Thompson & Jobs.	20.05
Thode, Herman.	2.00	Thompson & Oss.	16.40
Thode, Martin H.	3.00	Thompson's Hotel.	1.20
Thomas, C., Arthur H.	.20	Thomson, William.	35.50
Thomas, C. Co.	44.23	Thomson, Edward.	.90
Thomas, C. E.	8.87	Thomson, Grace.	57.50
Thomas, C. L.	10.97	Thomson, James.	4.50
Thomas, C. M.	66.92	Thomson, Neil.	6.00
Thomas County Herald.	3.40	Thomson, Roy.	4.50
Thomas Furniture Co., D. P.	1.50	Thomson, Vern.	4.50
Thomas, D. M.	73.90	Thorburn & Co., J. M.	53.53
Thomas, Eugene.	11.25	Thorn, Grover.	10.50
Thomas, Fred.	23.33	Thorn, Wm. F.	20.98
Thomas, F. W.	6.00	Thornburg, Wm. A.	2.50
Thomas Grain Co.	104.91	Thorne, George.	18.00
Thomas, James.	1.60	Thorne, Wm. P.	41.25
Thomas, Jess.	5.00	Thornquist, Hans.	4.00
Thomas, John.	18.75	Thornton, A. L.	5.10
Thomas, J. M.	7.00	Thornton, H. M.	6.75
Thomas, J. W.	9.00	Thornton, Joe.	4.75
Thomas, L.	22.25	Thoroughman, Edwin.	81.37
Thomas, L. C.	1.50	Thorpe, John A.	26.28
Thomas, L. E.	49.10	Thorpe, Tom S.	40.00
Thomas, Meade.	7.00	Thorpe, Yale.	10.84
Thomas, O. H.	228.67	Thorson, John.	77.25
Thomas, Mrs. O. R.	43.33	Thorwaldson Leather Goods Co.	19.35
Thomas, R. E.	8.64	Three Creek Lumber Co.	2.58
Thomas Studio, The.	2.80	Three Mile Threshing Co.	16.40
Thomas, William.	13.35	Threlkeld, G. A.	7.40
Thomas, W. F.	2.25	Throckmorton, M.	75.00
Thomas & McNeely.	97.25	Throckmorton, Robt. O.	21.00
Thomasson Bros. Hardware Co.	214.50	Throckmorton & Johnston.	16.75
Thomes, J. C.	7.50	Thunder, Afraid of.	11.75
Thomlinson, H. A.	6.00	Thursman, Garret.	4.25
Thompson, Arthur.	6.75	Thurston, H. W.	15.00
Thompson, A. L.	166.22	Tibbitts, Benjamin P.	27.00
Thompson, B.	5.00	Tibbs, G. J.	1.60
Thompson, Beulah.	42.50	Tibbs, J. V.	1.60
Thompson, Cardon.	19.50	Tibbs, Rubin.	4.26
Thompson, Chas.	77.65	Tibbs, S. N.	1.60
Thompson, Charles P.	24.00	Tiffany, A. Y.	96.85
Thompson, Elmer.	190.70	Tillamook Meat Co.	153.20
Thompson, E. E.	1.25	Tillett, George.	76.50
Thompson, E. R.	1.25	Tilley, Jim.	9.60
Thompson Co., Edward.	6.00	Tillett, H. M.	50.25
Thompson Falls Mercantile Co.	328.96	Tillotson, A. L.	62.95
Thompson, F. L.	5.75	Tillotson, Joe.	57.75
Thompson, Geo.	7.10	Tillotson, W. H.	37.25
Thompson Grocery Co.	5.60	Tillotson, W. K.	14.00
Thompson, Hardin.	22.75	Tilly, Elias.	1.50
Thompson, Hugh.	34.68	Tilly, Jack.	4.50
Thompson, H. R.	99.00	Timberman, The.	42.05
Thompson, I. D.	10.00	Times Publishing Co., The.	2.50
Thompson, James.	4.50	Tingle, S.	16.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Tinney, B. J.....	\$10.50	Tremewan, C. S.....	\$50.00
Tinney, David M.....	37.50	Tremont Grocers.....	254.49
Tinsley, G. W.....	182.17	Trethowan, John, and others.....	497.97
Tipton, Chas.....	1.50	Tribune.....	1.80
Tipton, M. W.....	17.70	Trickle, E. H.....	6.00
Tisher, W. D.....	40.00	Trieber, William F.....	10.00
Titus, Ellis.....	176.67	Trimble, B. A.....	42.66
Titus, Harry.....	2.25	Trimble, Frankie.....	52.81
Titus, Mrs. Mary.....	4.50	Trimble, James.....	1.25
Titus, Merle.....	2.25	Trimble Livery Stable.....	6.00
Titus & Spidel.....	27.25	Trimble, Pierce.....	27.00
Tobasco Plains Journal.....	49.38	Trimble, Royal.....	16.66
Tobas, Jose.....	26.50	Trimble, Royal G.....	6.00
Tobey Furniture Co.....	124.75	Trinity Gold Mining & Reduction Co..	15.36
Tobey, George.....	9.00	Trinity Journal.....	6.50
Tobias, Sigel F.....	16.20	Trinity Sugar Pine Co.....	11.15
Tobias, Solon S.....	50.00	Tripp, A. M.....	17.42
Todd, Charles.....	8.00	Tripp, D. J.....	56.36
Toepel, Charles.....	18.00	Trisler, John A.....	8.13
Toland, J. F.....	15.00	Trisler, J. W.....	3.75
Tolhurst, T. K.....	14.06	Trisler, S. E.....	3.75
Tolles, Fred.....	10.00	Tritch Hardware Co., Geo.....	1,826.64
Tolles, S. P.....	7.50	Trogden, John.....	12.00
Tolley, I. A.....	9.00	Trojan Power Co.....	600.38
Tomasini, Nita M.....	8.00	Trombley, M. J.....	7.50
Tomkins Bros. Hardware Co.....	25.08	Tropp, N. S.....	2.50
Tomkins Hardware Co., H. H.....	67.10	Trotter, Charley.....	1.95
Tomkins Hardware Co., Lewis.....	170.17	Trowbridge, jr., E. G.....	21.60
Tomkins, Charles.....	13.08	Truax, Geo.....	25.00
Tompkins, G. J.....	6.00	Truax, J. E.....	38.87
Tong, W. Wert.....	4.00	Truckee Mercantile Co.....	2.50
Tonjor, Chris.....	1.25	Truckee Semiweekly Republican.....	29.48
Tono, T.....	8.00	Trueax, Albert.....	19.68
Tooke, Roscoe L.....	55.00	Trueax, George A.....	24.93
Toomey, John.....	7.50	Trueax, G. L.....	15.00
Topel, Albert.....	38.50	Trueax, Wm. A.....	12.75
Topham, James S.....	84.15	Trujillo, Albert.....	150.00
Topin, Ecleserio.....	9.75	Trujillo, Daco.....	4.50
Torbell, Orville.....	2.25	Trujillo, Federico.....	15.60
Torey, L. M.....	6.00	Trujillo, Jose.....	9.74
Torgerson, T. C.....	6.25	Trujillo, Pedro.....	3.25
Toris, Conrone.....	19.00	Trujio, Guillermo.....	15.25
Torrence, Edgar.....	22.50	Truman, Ezra C.....	23.50
Torrence, William.....	3.75	Truman, M. S.....	27.00
Torres, Benedito.....	1.00	Truman, Roy M.....	12.50
Tosterin & Son.....	15.91	Trussed Concrete Steele Co.....	80.00
Tottan, John.....	10.80	Tsosy, Charles.....	142.00
Tower, D. A.....	12.20	Tuckenmiller, E. C.....	11.00
Town, Merrit.....	10.35	Tucker, L.....	1.50
Towne, Edmund.....	1.00	Tucker, L. E.....	63.31
Towne, S. D.....	7.50	Tucker, Robt.....	12.00
Townsend, R. F.....	16.00	Tucker, R. D.....	4.80
Townsend, Robert L.....	47.50	Tucker, Mrs. S. A.....	4.00
Townsend, W. B.....	38.75	Tucker, Will.....	5.13
Traber, William.....	7.00	Tucker & Co., R. J.....	6.87
Trabucco, John.....	23.76	Tucson Hardware Co.....	55.85
Trachte Bros. & Co.....	19.20	Tucson Hay & Grain Co.....	41.84
Tracy, H. H.....	184.50	Tucson Ice & Cold Storage Co.....	7.60
Tracy, Wm.....	1.50	Tucson Stables.....	10.00
Tracy, W. V.....	12.25	Tucson Transfer Co.....	10.50
Tracy, Mrs. W. V.....	6.25	Tulk, J. W.....	10.93
Trall, W. J. S.....	35.00	Tull & Gibbs (Inc.).....	6.25
Transfer Co., F. & A.....	5.50	Tulley, A. E.....	17.50
Transfer Livery Co.....	10.75	Tulloch, Laurance.....	3.60
Trask, George N.....	10.00	Tully, E. F.....	9.50
Traver, L. W.....	6.12	Tunnock, John.....	3.00
Travillion, John.....	1.50	Tumwater Light & Water Co.....	10.05
Traweck, C. C.....	32.35	Tunstle, Ted.....	2.25
Trayes, Frank.....	1.87	Tuolumne County Electric Power & Light Co.....	109.93
Traynor, John.....	22.00	Tuolumne Water Power Co.....	2.75
Treadway, Bernard O.....	10.00	Tupper, Norman.....	4.75
Trede & Phillips.....	47.00	Turbiville, E. W.....	18.82
Treiber, Wm. F.....	42.45	Turbiville, Roy.....	17.84
Tremaine, J. L.....	24.80		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Tureman, C. E.	\$42.30	United Builders' Supply Co.	\$3.15
Turien, Thomas.	4.50	United Colorado Mines Co.	9.10
Turnan, Joseph.	400.00	United Stores Co.	51.55
Turnbow, Jolin G.	7.00	United States Department of Agriculture.	353.87
Turnbow, P. D.	4.25	United States Department of the Interior, General Land Office.	346.20
Turnbull, Cecil.	3.60	United States Geological Survey.	13,173.67
Turnbull, Leslie M.	10.00	United States Envelope Co.	844.76
Turner, A. C.	112.50	United States Lumber Co.	9.52
Turner Bros.	41.90	United States Press Clipping Bureau.	60.00
Turner, Cage.	2.50	United States Printing Co.	110.26
Turner, Charles.	8.00	United States Reclamation Service.	615.44
Turner, Eli.	1.50	United States Treasury Mining Co.	61.42
Turner, E. T.	1.00	Universal Supply Co.	2.34
Turner, Frank.	25.00	University Cooperative Co., The.	13.28
Turner, F. P.	32.95	University of Maine.	24.00
Turner & Son, G. L.	46.15	Unterhaefer, John.	8.00
Turner, Herbert.	17.45	Unterwood, C. A.	8.00
Turner, H. H.	3.00	Urias, Pedro.	3.75
Turner, H. J.	25.00	Urdike, Earl P.	13.75
Turner, John G.	28.68	Upland Hardware Co.	11.35
Turner, Leslie E.	6.87	Uptgrove, Peter.	39.00
Turner Lumber & Manufacturing Co.	18.25	Urban, George A. L.	1.50
Turner, R.	50.00	Utah Billposting Co.	61.00
Turner, R. J.	1.50	Utah & Eastern Copper Co.	1.80
Turner, Stephen.	2.00	Utah Implement-Vehicle Co.	147.50
Turner, S. C.	42.00	Utah Light & Ry. Co.	1.80
Turner, Wilmot C.	37.50	Utah Typewriter Co.	82.00
Tuttle, B. J.	1.50	Utermohle, H.	32.50
Tuttle, C. S.	27.50	Utter & Burns.	4.03
Tuttle, D. C.	14.00	Uyeir, P.	6.25
Tuttle, Frank.	3.25	Vackstine, Ed.	1.00
Tuttle, Gaines.	1.50	Vaiereth, Pete.	40.00
Tutty, B.	2.00	Valande, Donaciano.	1.50
Tutty, John.	1.50	Valdez, Francisco.	22.50
Tweet, Tom.	6.00	Valdez, Jesus.	11.75
Twigg, George.	8.63	Valdez, Sabino.	4.01
Twiggs, R.	6.00	Valdobino, Guadalupe.	3.75
Twin Bridge Lumber Co.	90.00	Valentine, L.	43.33
Twycross, S. R. G.	2.50	Valentine, Richard.	10.20
Tygerson, James.	43.00	Valenzuela, Danrien.	34.00
Tyler, Ben.	6.75	Valenzuela, Ignacio.	13.25
Tyler, H. C.	45.00	Valenzuela, Juan.	16.00
Tyler, Orson F.	3.96	Vallenthine, J. V.	231.75
Tyler, R. E.	10.20	Valley Hardware & Implement Co.	24.62
Tyler, W. A.	6.75	Valley Hardware Co.	100.35
Tynes, John.	85.00	Valley Mercantile Co.	149.16
Typewriter Inspection Co.	6.00	Valley Planing Mill Co.	65.50
Typewriter Exchange, L. A.	3.00	Valleyros, Narcizo.	15.00
Typewriter & Office Supply Co.	163.75	Valvoline Oil Co.	10.05
Tyrell, Floyd.	11.56	Van, Geo.	3.90
Tyson, Clark.	2.00	Van, Vic.	5.00
Udall, Joseph.	80.32	Van Camp, I. J.	12.00
Uhl, Fred.	91.50	Van Camp, Stanton.	11.75
Uhlman, Fred.	39.00	Vance, James D.	132.25
Uintah Chieftain, The.	2.48	Vance, Lute.	3.00
Ujida, A.	7.00	Vance, Robert.	3.00
Umbach, Chas.	52.05	Van Buren, Grant.	3.00
Umpqua Land & Water Co.	26.00	Van Cott & Roecker.	8.31
Underhill, J. H.	30.00	Vandeburgh, Jerry.	33.00
Underwood, R. H.	45.00	Van Deusen & Son, A.	.75
Underwood Typewriter Co.	14,603.90	Vanderbeck, Egan.	12.25
Underwood, Wm.	50.00	Vanderhoff, Mary.	8.00
Union Commission Co.	26.90	Vanderhoff, John.	6.56
Union Gas Engine Co.	498.00	Van Dunn, Nick.	1.00
Union Hotel.	6.00	Van Dusen, Roy R.	72.75
Union Ice Co.	2.50	Van Dyke, I. C.	34.50
Union Lumber Co.	2.10	Van Dyke, J. D.	65.50
Union Mill Co.	180.32	Van Fleet, F.	1.75
Union Petroleum Co.	11.75	Van Honton, C. A.	7.00
Union Publishing Co.	4.20	Van Horn, R.	6.75
Union Steamship Co.	12.00	Vanhov, W. Y.	1.40
Union Supply & Manufacturing Co.	9.00	Van Kirk, Geo. W.	10.00
Union Trading Co.	23.48		
Union Transfer & Storage Co.	7.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Van Leer, E. S.	\$26.00	Virginia Experiment Station.	\$12.84
Van Matre, G. W.	77.50	Virginia Ranch Land & Cattle Co.	4.50
Vannattei, Archie.	3.25	Virtue, John.	1.25
Van Meter, M. H.	313.17	Virtue, William.	60.40
Vannoy, J. J.	38.00	Visher, Henry.	17.60
Van Noy, W. O.	7.15	Vito, Vincent.	1.00
Van Overstraeten, A. M.	2.50	Vittrup, Anton N.	110.00
Van Pelt, Chilsey.	30.63	Vitzthum Bros.	77.48
Van Pelt, John.	4.25	Voerster, H.	15.00
Van Pelt, William.	30.63	Vogel, August.	13.39
Van Schaack, Robert H.	13.50	Vogeler Seed & Produce Co.	299.00
Van Slyke, John R.	61.32	Vogt, George.	90.20
Van Tassel, Peter.	12.90	Volker, Ferd.	37.68
Vantrin, C. D.	6.00	Volker, Geo.	24.38
Vanwagner, M. D.	26.25	Vondenberg, Peter.	23.00
Van Winkle Bros.	1.20	Von Seggern, J. H.	6.00
Van Winkle, M.	8.75	Vorazeries, Geo.	9.00
Varain, Julian.	19.99	Vose, L. A.	32.18
Vares, Steve.	13.80	Vote, M.	5.00
Varges, T. D.	43.00	Vrecka, Tom.	6.60
Varley, G. A.	68.30	Vroman, D. A.	2.50
Varos, Moses.	14.00	Wabel, Arthur.	3.00
Vaugh, George W.	17.50	Waddell, J. W.	2.00
Vaughn, J. G.	43.75	Wade, H. W.	25.00
Vaughn, Mrs. J. G.	4.86	Wade, Olga V.	28.56
Vaughn, N. C.	9.00	Wagenhorst & Co., J. H.	17.55
Vaughn, Nick.	7.87	Waggoner, Amos J.	53.00
Vaughan, J. T.	43.00	Waggoner, Sykes.	15.00
Vaughn & Sons.	102.45	Wagner, C. C.	31.25
Vaughn, Stanley.	19.50	Wagner, Charles.	44.29
Vaun, Harry.	12.70	Wagner, Charley H.	32.50
Vazallo, Charles.	6.00	Wagner, Conrad.	1.75
Vealey, W. D.	50.00	Wagner, C. S.	5.00
Vedder, Lucy.	7.50	Wagner, Frank H.	10.00
Vedell, Sherman.	2.82	Wagner, G. P.	7.00
Velarde, Albert.	3.95	Wagner, Gus.	1.50
Veneralos, Pete.	9.00	Wagner, Jake.	3.43
Venosta, Anton.	3.00	Wagner, Jim.	5.00
Ventling, L. M.	3.60	Wagner, Percy.	1.75
Ventura Co., Cooperative Association.	4.15	Wagner, T. G.	7.25
Veranth, Frank.	9.00	Wagoner, Charles.	3.00
Verdeckberg & Burkhard.	6.45	Wagonhorst & Co., J. H.	.50
Verdugo, C.	27.50	Wahl, John.	28.00
Vernal Express.	3.25	Wahlgren, Albin.	21.00
Vernon, Jno. M.	18.00	Wahlstrom, Chas.	35.95
Vernon, R. W.	10.00	Wahrlich-Cornett Co.	56.77
Vest, Charles.	30.00	Waite, Geo. E.	1.50
Vestal, L.	69.90	Waite, J. S.	11.46
Vettel, Frank.	14.60	Waite, S. G.	.50
Vial, M. I.	17.50	Waits, C. M.	1.00
Vible, John.	52.00	Wake, A. W.	3.40
Vick, Arthur.	4.00	Wakefield, Clarence M.	17.00
Vick, J. F.	74.50	Wakeman, E. H.	57.00
Vickers, Wm.	6.90	Walberg, Andrew.	142.50
Vickery, S. M.	27.00	Walck, E. D.	17.50
Viean, A.	3.00	Waldberg, John.	42.75
Vigil, Pedro.	29.25	Waldbilling, Geo. H.	265.50
Viles, H. C.	67.00	Waldbilling, Joe.	2.00
Villa, A. R.	4.00	Waldo, George B.	19.25
Villamera, M.	2.50	Waldo & Nottingham.	4.50
Villegas, B. P.	.50	Waldport Lumber Co., The.	57.32
Vinal, L. F.	1.55	Waldron, A. J.	55.80
Vincent, Chas. C.	48.35	Waldron Drug Co.	2.20
Vincent, J. D.	22.25	Waldron Hardware Co.	14.04
Vincent, Philip.	39.00	Waldron, John.	1.25
Vincent, Saml. D.	28.20	Walker, C. M.	1.50
Vincent, Samuel J.	2.70	Walker Commercial Co.	10.50
Vincent, T. H.	19.61	Walker, E. F.	3.35
Vincovich, Chas.	3.30	Walker, Gladwin J.	25.00
Vines, J. J.	12.50	Walker & Lebow.	180.58
Vincut, J. R.	2.10	Walker, Owen H.	15.00
Vinsaunt, Leon.	36.60	Walker, Paul.	34.00
Vinson, Henry.	2.75	Walker, R. W.	2.00
Virden, A. C.	2.75	Walker, T. H.	45.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Walker, T. J.	\$0.50	Ware, Tom.	\$0.75
Walker, Wm. A.	7.75	Warland Lumber Co.	42.77
Walker, W. C.	3.50	Warmuth-Kerling Co.	8.00
Walker, W. G.	7.50	Warnecke, Fred C.	101.03
Walker, W. S.	8.90	Warner, Arthur	20.53
Walkup, R. L.	3.70	Warner, Elmer	9.25
Wall & Brown	5.00	Warner, Joe	14.63
Wall, John P.	124.30	Warner, L.	1.50
Wall, J. W.	6.00	Warner, Louis	12.38
Wall, S. G.	6.00	Warner, Wortman & Gore	48.55
Walls & Gloster	50.05	Warr, Frank	2.50
Wallace, C. W.	58.35	Warren, A. A.	1.50
Wallace, J. A.	6.00	Warren, B. F.	6.40
Wallace, J. M.	10.41	Warren & Burch	1.25
Wallace, Lew	6.00	Warren, Chas.	28.75
Wallace, Miner	37.53	Warren, Drew	2.25
Wallace, O. F.	37.20	Warren, H.	66.80
Wallace Supply Co. (Ltd.)	6.90	Warren, J. W.	6.75
Wallace Times Co. (Ltd.)	99.20	Warren, Lum	1.35
Wallace, W. C.	3.50	Warren, Philip	.60
Wallace, William	3.00	Warren, Sidney	1.20
Walleck, Joe	8.10	Warren & Suckers	3.00
Wallenburg, O. T.	1.50	Warren, W. G.	68.11
Waller & Albee	24.23	Warren, W. H.	26.50
Walling, A. L.	10.50	Wartman, Dave	10.93
Wallis, Francis	34.70	Warwick, Geo.	36.00
Wallowa Chieftain	2.00	Warwick, W. A.	2.00
Wallowa Mercantile Co.	123.30	Wasatch Printing Co.	54.85
Wallowa Sun, The	2.40	Wasatch Wave	12.90
Walraven, Wm. P.	1.40	Washam, Frank	133.95
Walsh Co., M. J.	4.00	Washburn, Eugene	2.50
Walsh, Victor N.	2.00	Washington Brick, Lime & Manufactur-	
Walter, D. E.	28.30	ing Co.	2.50
Walter, Ed.	18.60	Washington County News	1.95
Walter, Frank C.	3.25	Washington Herald	5.25
Walter, H. H.	2.00	Washington Loose Leaf Co.	1,189.25
Walter, John C.	3.70	Washington Post, The	12.15
Walter, L. P.	68.13	Washington Rubber Co.	2.50
Walter, M. W.	45.00	Washington Times, The	7.65
Walter, Ross A.	185.50	Washington Trading Co.	20.65
Walters, F. J.	11.55	Wassum, W. W.	21.86
Walters, Harry	3.90	Watch, Frank	4.75
Walters, John	3.00	Waters, B., jr.	4.25
Walton, Lavern	45.20	Waters, C. O.	22.50
Walton, Parley	17.20	Waters, H. Ruth	60.00
Walton, P. L.	39.20	Waters, Geo.	3.00
Walton, Ray	11.20	Waters, Jas. A.	3.30
Walton, W. H.	3.00	Waters, John	.87
Wampler, M. H.	36.00	Waters, Lloyd	4.50
Wanamaker, John	160.00	Waters, W. W.	28.90
Wanamaker, K.	7.30	Waterworks department, Ogden City	
War Department	1,226.97	Corporation	113.67
Warbis, Fred	36.50	Watkins, F. D.	6.00
Ward, A. L.	33.75	Watkins Hardware Co.	26.74
Ward, Ben	3.25	Watrous, Earl	59.68
Ward, Chas.	1.50	Watrous, Everest	65.94
Ward & Co., Montgomery	80.71	Watrous, H. R.	111.87
Ward, Herbert S.	162.00	Watson, Chas. S.	15.75
Ward, Ira F.	63.79	Watson, C. E.	24.00
Ward, J.	77.80	Watson & Co., C. R.	92.95
Ward, John F.	5.70	Watson, Evert	9.00
Ward, J. W.	2.10	Watson-Flygare Hardware Co.	9.05
Ward, J. S.	3.00	Watson, Green	8.25
Ward, L. C.	2.64	Watson, Guy	7.50
Ward, Luin	1.00	Watson & Co., James	12.50
Ward, N. E.	2.00	Watson, John A.	1.65
Ward, Ray E.	112.50	Watson, Richard	11.53
Ward, S. W.	32.00	Watson, Roy	10.00
Ward, Tom	22.00	Watson, Russell	3.33
Ward, W. L.	109.05	Watson, S.	8.80
Warden, Ivan	2.25	Watson, Steve	10.50
Warden, Wm.	2.25	Watson, W. M.	5.00
Warner, Silas	2.00	Watt, R. H.	9.00
Wardlow, F. S.	5.80	Waterson Hardware Co., Geo.	744.75
Wards, C. O.	21.28	Watts, Chas.	20.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Watts, H. F.	\$22.50	Wells, Fargo & Co., Express	\$132.77
Watts, Mat.	32.25	Wells, Harry	4.00
Watts, T. J.	3.90	Wells, M.	4.50
Way, W. J.	38.00	Wells & Morris	29.72
Waymire, Cleve.	7.50	Wells, O. J.	7.66
Waymire, S. R.	36.43	Wells, H. R.	9.00
Weatherby, J. E.	2.25	Welsch, J. J.	30.00
Weatherford, J. W.	8.00	Welsch, A. E.	49.88
Weaver, Mrs. Edna	15.00	Welter, John H.	19.75
Weaver, Earl	3.60	Welter, William	1.65
Weaver, J. B.	3.60	Welton, Earl V.	4.00
Weaver, John	7.73	Welton, John M.	9.50
Weaver, J. M.	165.00	Welty, F. A.	141.04
Weaver, J. R.	72.50	Wenatchee Advance	1.68
Weaver, W. S.	4.75	Wenatchee Produce Co.	43.75
Weaverville Electric Co.	13.55	Wenatchee & Rock Island Warehouse	
Weaverville Supply Co.	509.30	Co.	4.50
Webb-Merrill Commercial Co.	29.51	Wendell, Fred	21.09
Webb, B. W.	2.00	Wendell, Wm. B.	14.94
Webb, Chas.	12.00	Wendt, Dave	5.75
Webb, D. E.	10.17	Wendt, Fred	4.75
Webb, Florence	6.00	Wenger, Albert	10.75
Webb, John	10.00	Wenger, F. H.	8.50
Webb-Merrill Commercial Co.	5.15	Wenger, Fred	9.00
Webber, Chas.	45.00	Wenger, Geo.	7.25
Weber & Co., C. F.	310.15	Wennerholm, Chris	107.50
Weber, F. B.	11.70	Wenrich, W.	12.00
Weber, John V.	12.00	Wenstrom, Tonio	2.00
Weber, Mary	8.75	Wentworth, John	65.92
Weber & Munson	32.58	Wenzel, F. A.	3.00
Webster & Co.	56.14	Werly, Jesse C.	44.25
Webster, Everett	5.75	Werner, Albert	36.00
Webster, Frank	1.00	Werner, H. A.	5.00
Wedley, J.	2.00	Wernick, Chas.	1.20
Wedding, Clarence	12.50	Wertz, A. B.	135.00
Weddle, Tom	3.75	Wesley & Cross	8.00
Weed, Joseph	16.50	Wespa, Henry	2.50
Weekly Press, The	7.50	Wessel, Paul	125.00
Weekly Pioneer Times	88.89	Wessels, Alden V. E.	40.00
Weekly Wood River Times	2.50	Wessels, Clarence	2.20
Weeks, Howe, Emerson Co.	12.94	Wesset, Henry	1.50
Weeks, Leo. M.	120.25	West Coast Lumberman	5.00
Weerts, Renier	11.89	West Disinfecting Co.	377.00
Weeter Lumber Co.	18.23	West End Barn	12.00
Wegner, Henry	5.75	West, E. C.	18.00
Wehrle, Joseph	26.10	West, E. J.	4.25
Weicker Transfer & Storage Co.	2.00	West, Frank	17.50
Weidenfeller, R. P.	1.50	West, F. H.	6.25
Weideman, C. C.	3.60	West, Geo. E.	1.00
Weidenman, Peter	66.30	West, Geo. H.	20.20
Weightman, John	4.00	West, G. H.	16.50
Weil, Andy	20.00	West, Herbert	14.00
Weill, A.	26.00	West, John	1.90
Weill's Department Store	7.50	West, J. M.	3.30
Weinstein, Aug.	4.25	West, Marcus	2.90
Weiss Mercantile Co., A. J.	216.21	West, Pola	2.70
Weiss, Maurice	12.55	West Pub. Co.	108.25
Weiss, Paul	2.75	West Side Lumber Co.	39.00
Weiss & Sons, J. M.	7.44	West Side Stables	36.50
Weitze, Carl R.	21.06	West, Selwyn B.	11.00
Welch, Ben.	5.60	Westcliff Mercantile Co.	22.62
Welch, Clyde	3.00	Westcott, J. W.	111.34
Welch, E. A.	20.25	Western Electric Co.	1,356.85
Welch, Frank J.	29.75	Western Empire	10.57
Welch, John W.	69.69	Western Fire Appliance Co. (Inc.)	30.00
Welch, Joseph	8.00	Western Foundry & Machine Co.	35.40
Welch, Lester	28.50	Western Glass & Paint Co.	2.36
Welch, Nathan	9.00	Western Hardware Co.	3.75
Welch & Titsworth	124.16	Western Lumber Co.	80.00
Welch, W. E.	1.10	Western News	197.70
Weld, J. M.	45.30	Western Newspaper Union	29.04
Weldon, Bob	2.40	Western Publishers Union	2.60
Wellington, S.	3.00	Western Stage Co.	194.00
Wellman, Haskill	2.50	Western Supply Co.	77.03
Wells, A. J.	151.39	Western Union Telegraph Co.	7.45

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Western Warehouse Co.....	\$10.37	White & Bender Co.....	\$91.60
Western Woodworking Co.....	20.50	Whited, D. A.....	135.00
Westfall, Chas.....	13.25	Whitehead, Andrew.....	33.00
Westfall, Joel J.....	27.50	Whitehead & Sons, A. R.....	21.50
Westlund, Adolph.....	44.00	Whitehead Co., Jos. H.....	615.10
Weston, Samuel.....	32.00	Whitehead, W. S.....	3.50
Westover, John.....	16.00	Whitehouse-Crawford Co.....	22.50
Westrem, F.....	5.00	Whiteman, J. S.....	2.90
Wetherell, C. F.....	227.46	Whitescarver, Etta.....	49.88
Wetherell, Robert.....	32.00	Whitewood, Plaindealer, The.....	3.50
Wet Mountain Tribune.....	2.53	Whitfield, W. W.....	28.50
Wetter, Noonah.....	29.00	Whitham, Frank F.....	17.20
Wetzel, G. A.....	2.90	Whitham, J. C.....	87.77
Wetzel, Howard.....	10.50	Whiting, Miss Altha.....	4.00
Weyenberg, Theodore.....	15.00	Whiting, Fred.....	4.75
Whalen, John.....	3.00	Whitley, W. C.....	8.50
Whalen, Pat.....	1.50	Whitlock, Charles.....	6.00
Whaley, Mrs. Hattie.....	11.60	Whitlock, Geo. L.....	10.20
Whalley Lumber Co.....	7.27	Whitman, R. W.....	5.00
Wham, L.....	8.25	Whitman, Travis.....	25.80
Whatcom County Ry. & Light Co.....	5.60	Whitmore, J. R.....	18.00
Wheat, W. F.....	2.10	Whitney Co.....	25.35
Wheeler & Claspill.....	88.36	Whitney, A. J.....	3.75
Wheeler, C. C.....	12.00	Whitney, Fred.....	7.95
Wheeler, C. M.....	77.50	Whitney, Harry.....	24.25
Wheeler, E. W.....	38.75	Whitney, Schnyder C.....	50.00
Wheeler, Geo.....	10.00	Whitsett, J. M.....	29.45
Wheeler, Geo. W.....	123.50	Whitsett, J. W.....	8.10
Wheeler, J. H.....	8.75	Whitler, Wm. E.....	33.50
Wheeler, S. C.....	4.50	Whittier, Louis G.....	52.50
Wheeler, T. H.....	.50	Whittle, W. C.....	33.00
Wheeler, W. O.....	13.75	Wicks, C. R.....	2.40
Wheeler, W. B.....	6.00	Wideman, J. L.....	15.00
Wheeler, William.....	15.00	Widenbauer, Andrew.....	18.00
Wheeler, Val.....	.62	Widman, C. L.....	5.00
Whelpley, G. A.....	1.00	Widman, George, Jr.....	7.50
Whetrock, John.....	4.25	Wiedenbeck-Jobehn Co.....	322.57
Whipple, W. M.....	5.00	Wiegand, Martin.....	32.55
Whisler, Fred H.....	35.00	Wierman & McGrew.....	20.83
Whisenhunt, Eugene.....	1.20	Wiesendanger, Ed.....	1.60
Whisenhunt, S. D.....	2.95	Wiesendanger, Albert.....	2.40
Whistenhunt, J. R.....	2.95	Wigely, F. R.....	5.00
Whistenhunt, U. R.....	5.04	Wiggo, Hansen.....	33.75
Whistenhunt, U. T.....	1.50	Wiggins, Jule.....	18.00
Whitaker, J. A.....	50.00	Wigle, J. H.....	7.50
Whitaker, W. F.....	4.00	Wilber, A. H.....	143.15
Whitcomb Bros.....	102.83	Wilber, G. W.....	10.00
Whitcomb, J. J.....	5.96	Wilber, W. S.....	1.20
Whitcomb, R.....	7.50	Wilcken, George.....	11.25
White, A. D.....	28.50	Wilcken, C. H.....	31.50
White, Ben.....	17.00	Wilcox, F. E.....	19.00
White, B. F.....	88.80	Wilcox, L. L.....	.75
White, Berl.....	113.75	Wilcox, W. R.....	20.00
White, Charles.....	16.50	Wilcox, Webb W.....	7.00
White, Clarence.....	30.00	Wild, Fred.....	2.00
White, C. O.....	9.00	Willis, Joe.....	1.00
White, E. E.....	74.00	Wilkerson, Lee.....	45.00
White, Ellis.....	10.22	Wilkerson, N. E.....	11.00
White, Mrs. F. A.....	43.00	Wilkerson, Jerry.....	15.00
White, Geo.....	100.50	Wilkerson, William J.....	1.75
White, Harry.....	22.00	Wilkin, Fred.....	3.00
White, Jack.....	120.90	Wilkins, Orson.....	53.86
White, Jos.....	49.83	Wilkinson, Barnette L.....	12.50
White, Joe P.....	12.60	Wilkinson, Charles.....	5.00
White, J. T.....	44.00	Wilkinson Co.....	15.00
White, John W.....	16.50	Wilks, L. W.....	16.50
White River Lumber Co.....	11.03	Will, Burns.....	22.50
White River Review.....	12.00	Will, Wm. F.....	85.35
White, R. M.....	24.00	Willadean Nurseries.....	128.75
White, Roy.....	27.82	Willard, B. C.....	20.00
White, S. A.....	11.00	Willard, E.....	3.50
White, S. H.....	9.75	Willard, John E.....	147.80
White, Stanford.....	3.96	Willbank, Herman W.....	34.50
White, Wilfred W.....	16.50	Willbanks, William G.....	39.75
White, W. T.....	1.25		



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Willcoxin, T. I.	\$2.00	Willes, I. H.	\$2.00
Willcut, Robert.	5.00	Willis, John.	12.75
Willett Bros.	103.22	Willis, Joseph.	160.00
Willets, J. O.	1.75	Willis, L. H.	6.00
Williams, A. C.	22.00	Willis, W. H.	62.40
Williams, A. H.	24.00	Williss, W. F.	12.00
Williams, Allan.	18.00	Willits, A. R.	22.25
Williams, B.	3.00	Willits, R. T.	21.50
Williams, Bert.	1.20	Willits, W. W.	7.10
Williams Bros., Door & Lumber Co.	8.05	Willman, Ray.	9.00
Williams Bros.	2.65	Willis & Guinn.	5.50
Williams, Brown & Earle.	268.61	Willis, Herb.	33.15
Williams, C.	.60	Willis, Jack.	1,186.20
Williams, Cecil.	1.95	Willis, Thos.	94.22
Williams, Charles.	3.90	Willson Co., The.	4.50
Williams, Chas. F.	23.90	Willson, J. C.	13.00
Williams, Chester.	108.26	Willson Hardware Co., R. D.	62.40
Williams, Columbus.	2.85	Wilshire, Bert.	2.50
Williams, D. J.	29.00	Wilshire, Elmer.	2.50
Williams, D. L.	91.00	Wilshire, Fred.	2.50
Williams, Drug Co.	1.95	Wilson, A. A.	14.00
Williams, E. C.	10.65	Wilson, Alexander.	30.14
Williams, Emry E.	12.75	Wilson Co., Arthur C.	6.90
Williams, E. F.	6.00	Wilson, Atlas.	.90
Williams, E. L.	20.00	Wilson-Bates Furniture Co.	2.00
Williams, Emmett A.	35.00	Wilson, C. H.	23.00
Williams, F. M.	26.80	Wilson Commercial Co.	258.74
Williams, Frank.	2.25	Wilson, E.	6.00
Williams, Fred W.	41.50	Wilson, E. B.	2.00
Williams, Gabe.	1.40	Wilson, Emery E.	3.00
Williams, G. F.	12.25	Wilson, Geo.	15.50
Williams, G. H.	4.80	Wilson, Geo. C.	83.00
Williams, Glen.	10.00	Wilson, G. J.	188.50
Williams, George.	10.00	Wilson, Henry G.	39.99
Williams, G. W.	3.00	Wilson, James H.	15.00
Williams, H. C.	4.00	Wilson, J. L.	4.50
Williams, H. E.	16.15	Wilson, John.	12.50
Williams, Herbert.	48.00	Wilson, Joseph.	1.00
Williams, High.	.60	Wilson, J. P.	3.50
Williams, James.	8.90	Wilson, J. T.	2.00
Williams, J. E.	4.21	Wilson, J. S.	99.51
Williams, John.	2.80	Wilson Mercantile Co., The.	1.70
Williams, J. P.	20.00	Wilson, M. W.	1.00
Williams, J. Roy.	4.55	Wilson, O. R.	2.00
Williams, J. T.	3.00	Wilson, Oren C.	1.60
Williams, J. W.	10.93	Wilson, R. A.	21.00
Williams, Lewis.	133.50	Wilson, Robert.	18.60
Williams, Lucile.	38.00	Wilson, Sarah.	15.00
Williams, Marion.	3.75	Wilson, S. J.	3.00
Williams, M. H.	315.00	Wilson, Thos. J.	15.25
Williams News, The.	2.75	Wilson, Wm. G.	12.00
Williams, Newt.	3.45	Wilson, W. H.	32.80
Williams, N. F.	453.38	Wilson, Wm.	22.00
Williams, Mrs. P. M.	2.00	Wilson, W. W.	7.10
Williams, R. E.	1.25	Wilson & Young.	23.55
Williams, R. F.	31.71	Wilt, Olivia.	46.50
Williams, Robert.	46.50	Wilt, W. A.	12.20
Williams, Roy.	11.00	Wiltbank, Frank.	1.75
Williams, W. E.	2.40	Wiltzie, Lee.	3.50
Williams, Jr., Walter.	12.00	Wimberly, B. O.	4.50
Williams, Wm.	40.50	Wimberly, George.	2.55
Williams, W. W.	3.00	Wimberly, Guilford.	6.00
Williams & Williams.	36.50	Wimmer, Anton.	8.25
Williamson, Byron.	4.80	Wimmer, Otis M.	96.00
Williamson & Son, E.	9.00	Wincapaw, Thomas.	78.75
Williamson, F. A.	49.00	Wind River Lumber Co.	136.25
Williamson, H. D.	2.75	Winders, Lillian M.	23.00
Williamson, Ralph.	2.00	Windsor Hotel.	2.85
Williamson, R.	2.00	Windsor Stables Co.	7.00
Williamson Ranch & Store Co.	105.04	Wines, Arthur L.	2.50
Wilmington, J.	26.75	Winfield, Abe.	239.28
Willis, A. E.	3.35	Winfield, E. F.	12.77
Willis, A. T.	2.00	Wingfield, W. G. & R. W.	9.00
Willis, George.	10.50	Winfred, Chas.	5.28

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Wing Chong Co. ....	\$3. 17	Woodard, Clarke & Co. ....	\$0. 70
Wing, Josef. ....	10. 00	Wood & Baggs. ....	13. 25
Wingate, G. ....	46. 40	Wood Bros. ....	87. 35
Winger, Arthur. ....	18. 00	Wood, Chas. ....	9. 50
Wingrove, L. S. ....	1. 20	Wood-Davis Hardware Co. ....	170. 86
Winkle, Ed. ....	22. 25	Wood & Son, D. T. ....	88. 70
Winkler & Co., S. M. ....	18. 47	Wood, Devillo. ....	4. 50
Winkler, Ernest. ....	68. 70	Wood, Douglas. ....	10. 75
Winkler, Frank. ....	1. 50	Wood, F. L. ....	44. 00
Winn, Barr-Chainey Co. ....	151. 72	Wood, George. ....	46. 26
Winn, Frederic. ....	10. 00	Wood, George A. ....	7. 00
Winn, G. C. ....	60. 18	Wood & Keats. ....	1. 15
Winn, James T. ....	9. 00	Wood, Louis. ....	1. 15
Winninger, Bert. ....	6. 00	Wood & Morgan L. & L. Co. ....	7. 50
Winninger, Della. ....	4. 00	Wood, R. J. ....	10. 00
Winschell, Wm. ....	54. 29	Wood River News-Miner. ....	8. 70
Winslow, Bert. ....	15. 75	Wood River Times. ....	15. 50
Winslow Drug Store. ....	18. 40	Wood, L. A. ....	6. 00
Winslow, H. M. ....	2. 25	Wood, Robert E. ....	18. 75
Winslow Mail. ....	1. 50	Woodburn, Charlie. ....	9. 00
Winslow Mercantile Co. ....	6. 20	Woodburn, C. P. ....	16. 50
Winsor, Fred. ....	12. 00	Woodburn, W. D. ....	16. 50
Winter, F. H. ....	79. 00	Woodcock, H. S. ....	18. 74
Winter, Frank H. ....	30. 00	Wooden, Geo. C. ....	50. 12
Winter, George. ....	12. 00	Woodford, E. S. ....	89. 00
Winter Grocery Co. ....	7. 60	Woodill & Hulse Electric Co. ....	3. 50
Winterved, F. B. ....	10. 00	Woodland Mercantile Co. ....	317. 09
Winters, George. ....	16. 00	Woodruff Jewelry Co. ....	5. 50
Winters, Robert. ....	16. 50	Wood & Sheldon Lumber Co. ....	208. 31
Winterstein, Clay. ....	54. 00	Woods, A. J. ....	3. 90
Winthrop Meat Market. ....	8. 74	Woods, Charlie. ....	14. 00
Wisdom & Co., G. W. ....	6. 25	Woods, Charles A. ....	2. 25
Wisdom, S. S. ....	1. 00	Woods, C. N. ....	19. 97
Wise, A. B. ....	6. 00	Woods, C. O. ....	27. 34
Wise, Frank M. ....	12. 50	Woods, D. C. ....	11. 50
Wise, John S. ....	19. 00	Woods, D. J. ....	4. 00
Wise, R. A. ....	12. 50	Woods, E. G. ....	15. 00
Wiseman, J. C. ....	6. 00	Woods, J. ....	8. 50
Wishman, Horace. ....	7. 50	Woods, J. A. ....	. 90
Wisley, W. E. ....	22. 00	Woods, J. H. ....	1. 25
Wiswell, Walter. ....	28. 00	Woods, J. L. ....	7. 00
Wissmath, August. ....	2. 35	Woods, Joe. ....	74. 00
Witcher, J. T. ....	13. 91	Woods, J. R. ....	2. 40
Witham, Frank F. ....	86. 30	Woods, J. S. ....	10. 20
Wither, A. G. ....	49. 81	Woods, P. J. ....	1. 50
Withrow, I. R. ....	4. 50	Woods, Perry. ....	1. 50
Withoski, Felix M. ....	13. 75	Woods, R. M. ....	2. 40
Witter, Dan. ....	145. 00	Woods, Sidney. ....	27. 50
Witter, H. H. ....	1. 75	Woods, W. R. ....	2. 40
Witter, Lincoln. ....	1. 75	Woodson, Miguel. ....	13. 00
Wittman, R. W. ....	22. 80	Woodward & Lothrop. ....	1. 34
Wixom, Arthur H. ....	20. 00	Woodward, T. A. ....	32. 90
Wofford, I. L. ....	60. 00	Woody, Wm. ....	5. 00
Wofford, James. ....	5. 25	Wooley, Fred. ....	10. 75
Wohlfert, William F. ....	8. 50	Wooley, James. ....	11. 87
Wohlberg, E. T. F. ....	121. 17	Wooley, Jeff. ....	1. 80
Woleott, B. C. ....	2. 60	Wooley, T. R. ....	4. 68
Woldenberg, S. C. ....	5. 00	Woolstenhulme, R. W. ....	33. 00
Wolf, Clarence. ....	18. 75	Wootton, Vincent F. ....	5. 00
Wolf, C. M. ....	14. 50	Woolworth & Co., F. W. ....	8. 05
Wolf, Herbert. ....	8. 50	Wooten, J. H. ....	32. 45
Wolf & Isenbruck. ....	33. 50	Worford, James B. ....	5. 00
Wolf, Martin. ....	7. 00	Working & Hrella. ....	7. 50
Wolfe, D. C. ....	6. 00	Workman, Frank. ....	20. 00
Wolfe, Jesse E. ....	77. 00	Worley Directory Co., Jno. F. ....	4. 00
Wolfe, Oscar C. ....	29. 37	Worley, R. G. ....	4. 50
Wolff, John. ....	48. 00	Worrell, Geo. ....	9. 00
Wolff, Kubly & Husig. ....	406. 43	Worrell, William. ....	65. 39
Wolff Manufacturing Co., L. ....	24. 92	Worrid, William. ....	26. 00
Wolff, M. ....	8. 05	Worthing, R. E. ....	2. 65
Wolford, W. H. ....	22. 40	Worthington Drug Co. ....	10. 00
Wollensack Optical Co. ....	. 85	Worthington, Frank. ....	20. 00
Wolverton Hardware Co., J. W. ....	6. 95	Worthington, J. C. ....	33. 03
Wompole, Robert. ....	2. 00	Worthington Mercantile Co., S. P. ....	116. 68
Wonder Store, The. ....	73. 35	Worthington, William. ....	30. 59

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Wortz, Joe.....	\$10.00	Yost, Herbert.....	\$1.62
Wozniak, A. N.....	25.50	Yost, O. P.....	1.62
Wrangle Sentinel.....	27.90	Youmans-Simpson Lumber Co.....	18.64
Wray, John.....	78.80	Young, A. J.....	24.00
Wray, John T.....	70.00	Young, Benjamin.....	36.00
Wray & Son, J. M.....	4.00	Young, Bob.....	19.75
Wrensted, Carl.....	138.30	Young, Cal.....	39.00
Wridge, A. J.....	2.50	Young, C. L.....	23.51
Wright, Arthur.....	120.00	Young, Frank A.....	5.00
Wright, C.....	7.00	Young, Frank.....	82.40
Wright, D. A.....	5.25	Young, jr., Harry A.....	5.00
Wright, Daniel.....	1.50	Young, H. B.....	3.94
Wright, E. L.....	11.25	Young, Josephine.....	36.00
Wright & Co., F. F.....	5.00	Young Co., The J. C.....	18.00
Wright, Howard.....	117.50	Young, J. E.....	46.25
Wright, J. L.....	17.50	Young, J. J.....	22.45
Wright, Jessie M.....	14.00	Young, John R.....	20.60
Wright, J. W.....	30.50	Young, J. W.....	16.00
Wright, Lee.....	12.00	Young, Lucy M.....	120.00
Wright, Leonore.....	23.25	Young Machinery Co., A. L.....	8.40
Wright Mercantile Co.....	1.25	Young, Nathaniel H.....	15.50
Wright, M. F.....	6.50	Young, Ola.....	73.85
Wright, Sam.....	45.00	Young & Ridgeway.....	3.30
Wright, S. B.....	10.00	Young, Rimbo.....	110.00
Wright & Sons Co.....	15.32	Young, R. K.....	5.00
Wright & Sons, W. H.....	18.04	Young, Sarah S.....	75.00
Wright, W. P.....	1.80	Young & Sons.....	63.75
Wrightson, Robt. L.....	2.10	Young, W. A.....	23.50
Wrought Iron Range Co.....	34.00	Young, Milford.....	1.00
Wulff, Emil.....	3.50	Young, Winthrop.....	5.00
Wyatt, J. E.....	1.60	Young, Wm.....	1.20
Wyatt, J. F.....	2.00	Young, W. W.....	3.25
Wyckoff, H. P.....	66.30	Youngblood, Lee.....	19.99
Wylie, T. J.....	17.00	Youngkin, Owen.....	10.00
Wyoming State Journal.....	14.67	Yparraguirre Bros.....	1.60
Wynn, John.....	15.00	Yparraguirre, Frank.....	5.50
Wynn, Thomas.....	4.50	Yreka Lumber Yard.....	28.60
Wynn, W. T.....	26.00	Yreka Journal.....	3.00
Wyres, A. L.....	1.20	Yrigoyen, Francisco.....	25.18
Yach, Clarence.....	2.50	Zacco, Eugene.....	6.60
Yager, Thos. C.....	4.50	Zadow, Louis.....	17.77
Yager's Livery.....	37.00	Zaltz, Henry.....	3.75
Yale & Towne Manufacturing Co.....	605.98	Zalinka, Andrew.....	57.50
Yamaguchi, G.....	8.00	Zamarono, Gus.....	9.00
Yampa Leader.....	29.19	Zanchi, Angelo.....	3.00
Yanagaki, Y.....	5.75	Zehntner, Jacob.....	32.00
Yandon, Andrew W.....	70.75	Zeigler, C. C.....	11.40
Yarnall, Silas W.....	38.00	Zeimetz, John.....	24.38
Yarnell, I. T.....	50.00	Zellerbach Paper Co.....	10.00
Yates, A. T.....	2.85	Zerrell, H.....	1.50
Yates, E. J. (Mrs.).....	34.50	Zichtel & Co., A.....	395.80
Yates, J. W.....	58.40	Zimmerman, A. B.....	4.50
Yates, T. C.....	6.00	Zimmerman, C.....	26.50
Yates, Thos.....	4.80	Zimmerman, Phoebe.....	32.47
Yates, W. R.....	32.50	Zink, John.....	10.80
Yawkey-Crowley Lumber Co.....	920.52	Zipperer, Joseph.....	47.12
Yawman & Erbe Manufacturing Co.....	2,788.65	Zitzman, Fred A.....	94.50
Ybarra, Francisco.....	21.25	Zollinger, Henry.....	8.50
Ybarra, Luis.....	15.25	Zoske, Albert R.....	14.45
Yeager, Wm.....	22.75	Zundel, Jacob.....	3.96
Yeaman, George W.....	15.75		
Yeaman, Jr., Thomas.....	15.60		
Yeary, A. Y.....	33.25	Total.....	550,197.51
Yeaw, Herbert.....	7.00		
Yegen Bros. (Inc.).....	170.38	<i>Furniture.</i>	
Yemons, H. D.....	7.64	Albuquerque Tent & Awning Co.....	108.40
Yeo & Barnard.....	3.15	Aloe Co.....	22.00
Yeomans, Horace.....	40.00	Amberg File & Index Co.....	25.00
Yergensen, Winget & Co.....	18.61	Anderson, Mrs. Jessie.....	17.50
Yergensen, Yergen.....	45.70	Apple, G. W.....	39.00
Ygnacio, Pedro.....	22.50	Babbitt Bros.....	69.45
Yokan, Frank.....	25.70	Bailey Furniture Store.....	36.00
York, C. R.....	68.71	Becker, Mactavish Co., The.....	78.25
York, Lee R.....	72.50	Brown, Edward M.....	7.00
Yost, Chas.....	1.25	Buchanan, James.....	22.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Fuel.</i>	
Call Furniture Store, Joseph H.	\$6.75	Babbitt Bros.	\$12.75
Cook, Joe	12.00	Barden, Leslie	15.00
Darlington, D. J.	8.60	Beaman, Elmer	10.00
Denver Electric Co.	3.25	Beardsley, G. B.	25.23
Derby Desk Co.	84.00	Becker, Macavish Co., The.	4.00
Dinwoody Furniture Co.	2,957.50	Beeson, Wm.	11.99
Engelhart, W. M.	8.95	Bonnett, M. P.	21.92
Faulkner, J. E.	54.75	Bracken, William	8.00
Ferguson, R. H.	20.10	Brown, John H.	20.20
Finding Hardware Co., C. A.	4.75	Campbell, F. S.	14.75
Flynn, Thomas F., jr.	2.50	Carrigan Co., E. B.	190.50
Gibbel, I. B.	3.00	Connor, Charles H.	15.49
Gimbel, Ellis A.	103.80	Cooley, C. F.	148.50
Goldberg Bros.	4.55	De Coria, John.	7.00
Goldring, W.	48.00	De Witt, E. B.	18.54
Grand Rapids Furniture Co.	4.75	Dickinson, Walter	32.50
Hale, H. M.	10.00	Elkins, C. W.	14.00
Hardy Furniture Co.	19.25	First National Bank	42.00
Hart Co., Edward.	19.25	Francis & Givens	23.00
Haswell Furniture Co.	124.88	Goldsbrough, Harry D.	6.00
Hay, D. C.	18.00	Garton, Elmer	15.00
Hochheimer & Co.	2.75	Gould & Lindley	10.25
Kennedy, L. W.	25.20	Grant, Newton	5.75
Kenfrel & Esser Co., of New York	43.16	Griffin, J. A.	15.75
Kistler Co., W. H.	355.00	Griffith, Ward W.	14.40
Kline's Furniture & Carpet Install- ment House.	32.50	Haffly, C. A.	9.15
Lander Furniture & Hardware Co.	3.75	Harmon, William	12.00
Lansburgh Furniture & Carpet Co., The Julius.	4,603.04	Hartig, Louis	20
McPhee & McGinnity Co.	11.50	Hathaway, J. B.	17.50
McKinnon, W. R.	3.50	Huck, Henry	60.00
Mayer, D.	18.50	King, R. F.	12.00
Medford Furniture Co.	18.40	Lawrence, H. C.	13.55
Mission Furniture Works	17.80	Lawton & Sons, A. J.	9.65
Moses & Sons, W. B.	1,344.20	Lewis, Robt. B.	8.50
Pearl Furniture Co.	10.57	Lloyd, Wm.	2.50
Poole, Chas. G.	10.00	Loud's Sons Co., H. M.	22.87
Preston, P. A.	18.00	Lowe & Hann Coal Co.	17.50
Revell & Co., Alex. H.	44.50	Luce, Ed.	30.00
Salazar, J. J.	10.00	Lyons, H. E.	5.40
Sant, W. R.	7.00	McClure, Ben.	1.75
Schaffer, Mae	3.50	McDonald, Ed.	33.00
Shaw-Walker Co.	43.20	Madison Fuel Co.	28.80
Shupe, W. A.	7.50	Mena Ice & Cold Storage Co.	10.00
Sloane, W. & J.	92.90	Miller Bros.	27.50
Snow Furniture Co., E. B.	8.80	Moody, Orla.	16.00
Spot Cash House, The.	28.15	Myers, V. A.	4.25
Standard Furniture Co.	63.55	O'Farrell, James R.	7.00
Statton, W. O.	10	Osenbrugge, F.	6.00
Stewart, S. T.	5.50	Ranch Supply Co.	4.85
Stillwell, W. H.	8.00	Rilling, C. F.	12.50
Stockham Bros.	5.00	Roessler, Chas. A.	8.35
Stone, G. W.	6.00	Safford Ice & Creamery Co.	32.00
Taos Mercantile Co.	18.00	Shurtliff & Co.	277.99
Tillotson, A. S.	48.00	Star Livery Stable	3.85
Tomkins Hardware Co., H. H.	25.00	Stedman, W. L.	13.50
Towne, F. H.	5.50	Stewart, Hamilton	5.24
Tritch Hardware Co., Geo.	7.20	Thatcher Coal Co.	3.10
Tucker Furniture Co.	24.80	Thayne, George	13.95
Typewriter & Office Supply Co.	47.50	Tinney, B. F.	17.43
Weiss Mercantile Co., A. F.	15.20	Veranth, Frank	17.50
Wenatchee Furniture Co.	5.85	White Oak Coal Co.	6.20
Werlich & Son, J. S.	30.00	Wilkinson, Arthur	36.75
Weston Electric Co.	5.54	Willis, L. H.	6.00
White, S. H.	6.00	Wilson, Louis.	32.00
Williams, Eugene	7.00	Wittenburg, W. J.	15.00
Wilson-Bates Furniture Co.	7.00		
Wilson, W. W.	8.50		
Wissmath, Aug.	25.00		
Woodward & Lothrop.	1,269.53		
Yawman & Erbe Manufacturing Co.	17,096.98		
Total	29,447.40		
		Total.	1,563.85
		<i>Freight.</i>	
		Alaska Coast Co.	13.98
		Alaska Steamship Co.	14.55
		Apodaca, Evanisto.	9.60
		Arizona & New Mexico Ry. Co.	7.77
		Arkansas Western Ry. Co.	17.95

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Freight—Continued.</i>	
Atchison, Topeka & Santa Fe Ry. Co.	\$1,530.62	Richmond, Fredericksburg & Potomac R. R. Co.	\$3.26
Baltimore & Ohio R. R. Co.	115.83	Rio Grande Southern R. R. Co.	78.44
Bartman, Wm. C.	2.35	Roosa, I. P.	2.00
Becker-Mactavish Co.	2.00	Ruch, Frank	6.33
Benedict, M. A.	8.51	San Pedro, Los Angeles & Salt Lake R. R. Co.	118.21
Big Blackfoot Milling Co.	1.25	Santa Fe, Prescott & Phoenix Ry. Co.	5.33
Boyes, Wm. B.	3.97	Schwabacher Hardware Co.	3.29
Browne, Alexander G.	.73	Smith & Corner.	3.50
Butte, Anaconda & Pacific Ry. Co.	95.62	Southern Pacific Co.	1,570.08
Chicago, Burlington & Quincy R. R. Co.	134.41	Southern Railway Co.	1.00
C., C. & C. Stage Co.	3.50	Spokane International Ry. Co.	23.42
Chicago, Milwaukee & St. Paul Ry. Co.	990.95	Spokane, Portland & Seattle Ry. Co.	1.70
Chicago, Milwaukee & Puget Sound Ry. Co.	11.69	Star Union Line	1.28
Chicago & Northwestern Ry. Co.	513.56	St. Louis & San Francisco R. R. Co.	21.67
Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.	2.20	Tacoma Eastern R. R. Co.	.71
Colorado Midland Ry. Co.	13.12	Taylor, E. G.	1.75
Colorado & Southern Ry. Co.	206.02	Totten, John	4.50
Colorado Springs & Cripple Creek District Ry. Co.	3.69	Tucson Transfer Co.	41.75
Columbia & Okanogan Steamboat Co.	4.26	Turner, Harry C.	1.88
Crescent City Wharf & Dock Co.	9.48	Utah Ry. Co.	52.70
Denver, Northwestern & Pacific Ry. Co.	59.08	Union Pacific R. R. Co.	2,270.10
Denver & Rio Grande R. R. Co.	2,161.29	Waldport Lumber Co.	10.00
Detroit & Mackinac Ry. Co.	.45	Washington, Idaho & Montana Ry. Co.	1.65
Duluth & Iron Range R. R. Co.	2.50	Western Pacific Ry. Co.	38.35
Durbin, William G.	5.02	White & Bender Co.	1.15
El Paso & Southwestern System	387.97	White, Harry	3.25
Eureka Lumber Co.	4.68	Winn, Frederick	12.33
Great Northern Ry. Co.	449.03	Wood-Davis Hardware Co.	.25
Great Southern R. R. Co.	3.07	Wyoming & Missouri River R. R. Co.	9.11
Hanson & Co.	5.15	Yreka R. R. Co.	30.83
Henriquet, Paul	7.14	Zachan, Arthur H.	5.59
Hill, W. F.	.33	Total	13,115.99
Honeyman Hardware Co.	4.10		
Huey, R. C.	8.01	<i>Express.</i>	
Idaho Northern R. R. Co.	12.87	Adams Express Co.	589.38
Idaho & Washington Northern R. R.	4.23	American Express Co.	282.42
Illinois Central R. R. Co.	4.83	Apache Stage Co.	1.50
Kalloch, F. E.	41.01	Bayer, Albert	12.50
Kansas City Southern Ry. Co.	41.65	Fort Washakie-Dubois Stage & Express Line	14.99
Laramie, Hahn's Peak & Pacific Ry. Co.	6.16	Globe Express Co.	47.92
Lilly Co., Chas. H.	.65	Great Northern Express Co.	64.09
Louisville & Nashville R. R. Co.	71.00	Knox Express Co., Geo. W.	45.59
McCloud River R. R. Co.	7.39	Leesburg & Forney Stage Co.	4.25
Manitou Incline Ry. Co.	42.92	Mesa Roosevelt Stage Co.	6.68
Manville, Johns Co., H. W.	2.58	Missoula Mercantile Co.	.40
Mast, Wm. H.	3.04	Muth Bros. & Co.	5.60
Methow Valley Stage Line	1.00	National Express Co.	67.14
Missoula Mercantile Co.	1.25	Northern Express Co.	58.00
Missouri & North Arkansas R. R. Co.	22.75	Pacific Express Co.	744.86
Missouri Pacific Ry. Co.	3.20	United States Express Co.	256.23
Montana & Idaho Stage Forwarding Co.	13.80	Wells, Fargo & Co.	1,334.14
Montana R. R. Co.	.96	Total	3,535.69
Nevada Central R. R. Co.	9.37		
Nevada County Narrow Gauge R. R. Co.	64.82	<i>Telegraph.</i>	
Nevada Northern Ry. Co.	35.44	Continental Telegraph Co.	3.66
New York, New Haven & Hartford R. R. Co.	.64	Great Northern Ry. Co.	6.81
Northwestern Pacific Ry. Co.	1.25	Nevada Northern Ry. Co.	3.45
Northern Pacific Ry. Co.	506.20	Pacific Telephone & Telegraph Co.	48.56
Oregon R. R. & Navigation Co.	510.29	Postal Telegraph Cable Co.	2,051.75
Oregon Short Line R. R. Co.	477.08	United Wireless Telegraph Co.	9.43
Oregon & Washington R. R. Co.	9.57	Western Union Telegraph Co.	3,160.54
Pacific Coast Ry. Co.	2.94	Total	5,284.20
Pacific Coast Steamship Co.	4.43		
Pacific & Idaho Northern Ry. Co.	34.69	<i>Telephone.</i>	
Pennsylvania R. R. Co.	21.41	Alturas Telephone Exchange	7.50
Portland Ry. Light & Power Co.	1.56	Anderson, R. S.	9.00
Post & Co., Alfred H.	14.11	Arizona Electric Telephone Co.	60.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Telephone—Continued.</i>	
Arizona Overland Telephone Co.....	\$8.70	Utah, Nevada, and Idaho Telephone Co.....	\$3.60
Austin Manhattan Telephone Co.....	77.85	Washington Northern Telegraph & Telephone Co.....	30.00
Central Telephone Co.....	24.00	White Pine County Telephone Co.....	69.50
Chesapeake & Potomac Telephone Co., The.....	926.85	Willits Telephone & Telegraph Co.....	1.45
Chicago Telephone Co.....	83.00	Wisconsin Telephone Co.....	56.44
Colorado Telephone Co.....	2,060.84	Wood Live Stock Co.....	13.50
Consolidated Telephone, Telegraph & Electric Co.....	50.32		
Coos Bay Home Telephone Co.....	.25	<b>Total.....</b>	<b>9,084.42</b>
Cottonwood, Tecate & Potrero Rural Telephone Co.....	13.50		
Danner Co., J. C.....	13.14	<i>Rent.</i>	
De Funiak Springs Telephone Co.....	6.60	Adamson, D. P.....	270.00
Douglas Improvement Co.....	7.15	Adamson, William.....	110.00
Duluth & Iron Range R. R. Co., The.....	23.75	Afton State Bank.....	96.00
Elko County Telephone & Telegraph Co.....	113.15	Anderson, David.....	45.00
Finch, O. R.....	15.00	Arizona Building Co.....	480.00
Gallup Telephone Co.....	33.00	Arizona Central Bank.....	459.60
Garden City Telephone, Light & Manufacturing Co.....	40.00	Arizona Mining & Milling Co.....	62.50
Garfield County Telephone Co.....	9.00	Aspen Bank Building.....	198.00
Glenn County Telephone Co.....	3.80	Atlantic Building Co.....	24,805.00
Gunnison County Telephone Exchange.....	12.00	Auble, Mrs. C. C.....	12.00
Home Telephone & Telegraph Co.....	85.90	Baca, José J.....	180.00
Hyannis Central Telephone Co.....	6.00	Bachelier, Alphonse.....	45.00
Illinois Telephone Association.....	16.80	Bank of Ephraim.....	360.00
Independent Long Distance Telephone Co.....	36.00	Bank of Grand County.....	19.00
Interstate Telephone Co. (Ltd.).....	4.50	Bank of Northern Arizona.....	216.00
Inyo Telephone Co.....	64.50	Bardsley, G. W.....	180.00
Kemmerer Big Pine Telephone Co.....	20.07	Bauer Bank.....	360.00
Kizer Telephone Co.....	54.40	Bayley, E. J.....	12.00
Lake County Telephone & Telegraph Co.....	30.00	Beatty, Jas. A.....	150.00
La Salle Mountain Telephone Co.....	24.06	Beaver Equitable Co-op.....	180.00
Lemhi Telephone Co.....	19.45	Beck Investment Co.....	7,573.38
Little Laramie Telephone Co.....	1.75	Becker-Mactavish Co.....	280.00
Livingston Home Telephone Co.....	6.00	Beckwith, L. O.....	300.00
Lloyd, W. W.....	9.00	Bell, George H.....	300.00
Montana Telephone Co.....	39.78	Bidwell, A. R.....	15.00
Nevada Consolidated Telephone & Telegraph Co.....	24.52	Big Bend Milling Co.....	360.00
Newport Telephone Co.....	28.20	Bishop, sr., B.....	15.00
North Bend Snoqualmie Telephone Co.....	1.45	Board of supervisors.....	50.00
North Idaho Telephone Co.....	92.30	Borrowdale, W. M.....	67.50
Northern Idaho & Montana Power Co.....	12.25	Britland, W. J.....	160.00
Pagosa Springs Telephone Co.....	6.00	Brown, Wm. J.....	25.00
Pacific States Telephone & Telegraph Co.....	8.00	Bruins, J. F.....	330.00
Pacific Telegraph & Telephone Co.....	2,150.49	Budge, Arthur.....	1.50
Panhandle Telephone Co.....	6.00	Buell, John L.....	67.00
Pilot Butte Telephone Co.....	1.75	Buster, Wm.....	120.00
Pioneer Telegraph & Telephone Co., The.....	23.18	Bybee, Wierman & Mosely.....	7.50
Ranchmen's Mutual Telephone Co.....	24.00	Carlson-Lusk Hardware Co.....	360.00
Redrock & Salmon River Telephone Co.....	54.75	Cass Lake Commercial Club.....	17.50
Regents University of California.....	10.10	Central Building Association.....	430.00
Rocky Mountain Bell Telephone Co.....	2,081.57	Clark, Margaret H.....	180.00
Rowell, Mrs. M. S.....	14.37	Cochran, William H.....	60.00
Salina Telephone Co.....	36.00	Collins, E. F.....	20.00
Santa Fe Electric Telephone Co.....	44.00	Coltharp Mercantile Co., W. P.....	150.00
Southern Curry Telephone Co.....	.75	Conklin, Arthur.....	348.00
Southern Utah Telephone Co.....	37.00	Conner, Mrs. Jessie.....	14.00
Southwestern Telegraph & Telephone Co.....	29.30	Connor, Charles H.....	180.00
Southwestern Home Telephone Co.....	48.00	Cooper, Martin & Co.....	240.00
Spencer Harwood & Co.....	12.60	Cornish, N. A.....	180.00
Taos Telephone Co.....	2.50	Craft Realty Co., W. T.....	12.00
Uintah Telephone Co.....	64.00	Cumming & McIntyre.....	30.00
United States Long Distance Telegraph & Telephone Co.....	75.25	Cushing, F. E.....	264.00
Utah Independent Telephone Co.....	4.59	Custer County Bank.....	2.00
		Dangberg, C. F. W.....	200.00
		Daniels, Henry.....	60.00
		Daniels, J. D.....	300.00
		Danner, J. D.....	200.00
		Day, C. M.....	180.00
		Doyle, Mrs. Allen.....	4.00
		Doyle, Thomas.....	165.00
		Easton, Wm.....	180.00
		Edmondson, R. L.....	100.00
		Elder, Jason S.....	30.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Rent—Continued.</i>	
Elko County Telegraph & Telephone Co.	\$4.50	McHugh, P. J.	\$336.00
Exchange Investment Co.	492.00	McCaskill, John J.	150.07
Fairchild, W. F. & Son.	30.00	McKinney, Mrs. C. H.	77.81
Farmin & Son, L. D.	200.00	McQuaid, Thomas.	40.00
Felt, John.	6.25	Majestic Investment Co.	6,294.40
Fenske, A. J.	137.50	Mackay, Alex. J.	72.00
Ferguson, Mary.	36.00	Mangum, W. Lester.	67.50
Fernev, G. A.	16.00	Marsters, A. C.	426.00
First Federal Trust Co.	7,458.36	Martin, Roy W.	148.50
First National Bank.	900.00	Mathews, George W.	5.50
First National Bank, Alamogordo.	250.00	Maxwell, C. J. & M. N.	300.00
First National Bank of Delta.	405.00	May, Agnes.	96.00
First National Bank, Glenwood Springs.	360.00	Merriam, Walter E. (administrator).	120.00
First National Bank of Lakeview.	275.00	Metropolitan Building Co.	60.00
First National Bank of Mena, Ark.	205.00	Meyer & Chapman.	360.00
First State Bank of Salina.	120.00	Miller, Robt. E.	60.00
First National Bank of Sonora, Cal.	40.00	Milligan, Mrs. F. E.	32.00
Fisher, L. G.	1,315.00	Milligan, J. C.	24.00
Flournoy, H. C.	250.00	Missoula Real Estate Association.	6,258.75
Ford, R. S.	360.00	Moore, J. J.	15.00
Fox, W. P.	180.00	Mottet Bros.	198.00
Francis, John W.	18.00	Nevitt, William.	396.00
Freidenrich, A.	129.00	Niemalm, Wm. A.	175.00
Frisch, A. J.	338.84	Noble & Lane.	49.00
Goldfield Blue Bell Mining Co.	96.67	Oakley State Bank.	182.90
Goldsbrough, Harry D.	144.00	Osgood, Mrs. Alicia.	117.00
Greenlaw Lumber Co., The.	16.00	Pacific Electric Ry. Co.	528.00
Guthrey, J. E.	1.50	Page, Gregory.	200.04
Hagan, Mrs. S. J.	48.00	Peek, E. D.	216.00
Halley National Bank.	302.50	Peterson, Christian.	30.00
Hannberg, J. J.	29.03	Pickford, Thomas H.	174.19
Harnois, C. A.	36.00	Pipes, A. J.	3.00
Harris, Thomas.	30.00	Portland Commercial Club.	30.00
Hartley, B. Dick.	22.50	Ramey, J. N.	8.00
Hatcher Mercantile Co.	45.00	Reid Hardware Co.	408.00
Hattman, Betty.	16.66	Richardson, A. B.	15.00
Hayball, Hyrum.	240.00	Riggs, Mary E.	200.00
Heath, Fred W.	56.00	Roberts, Arthur.	45.00
Hefferlin, C. S.	420.00	Rockhill & Shellenburger.	400.00
Hesson & Co., A. W.	442.50	Rocky Mountain B. T. Co.	216.00
Holden, Harry.	230.00	Rowton, James N. & David M.	10.00
Hotel Portal.	82.50	Schaller, Clem.	10.00
Hough & Long.	10.00	Scheerer, Jacob.	50.00
Houx, Frank L.	420.00	Schnurbrush & Weinrich.	70.00
Howard-Canfield Co.	300.00	Schuler-Knox Co.	225.00
Hugus & Co., F. W.	156.25	Schwander & Walker.	60.00
Hunt, Mrs. Ruth M.	360.00	Scripps, F. T.	480.00
Isbell, A. M.	275.00	Shell-Combs & Co.	122.55
Isle, George W.	54.40	Sheridan County Commissioners, Board of.	240.00
Keough, P. P.	384.00	Sheriff, Court.	84.85
Kiesel, Fred J.	2,975.09	Sherwood, J.	2.00
Knight, C. M.	245.00	Shippey, Mrs. O. P.	144.00
Kubler, Joseph.	102.00	Shurtz, jr., D. C.	120.00
Lake, Henry F.	216.00	Simmons Hardware Co.	1,338.71
Lamb-Davis Lumber Co.	240.00	Sisson, Mrs. L. H.	96.00
Las Vegas Improvement Co.	50.00	Sixth Avenue Building Co.	585.00
Lee, Charles H.	1.00	Sletten, Pauline.	46.00
Lemhi County.	100.00	Smith, Emmons S.	270.00
Lewis, D. S.	65.00	Smith, Pearl I.	240.00
Libby Realty Co.	39.00	Smith, Wallace P.	783.75
L. & M. Mercantile Co.	192.00	Snow, Wm. J.	47.50
Long, Anthony.	63.00	Southern California Mountain Water Co.	1.00
Loud's Sons Co., H. M.	18.75	Stevensville Mercantile Co.	24.37
Lucero, Juan.	9.00	Steward, George.	542.30
Luna & Strickler.	5,263.46	St. George Cooperative Store.	50.00
Lutz, E. J.	30.00	Telcher, Henry (agent).	126.00
Lyman, T. K., & Son.	18.00	Tiger Gold Co.	120.00
Lytle, Joe.	120.00	Thomson, John.	150.00
McAllister, Mrs. E. J.	73.33	Town, John H., and C. Ed. Lukens.	255.00
McCall, Thomas.	176.00	Trinity County Bank.	75.00
McCallum & Bayley.	275.00	Trolson, Jacob H.	60.00
McDonald, Ed.	220.00	Trustee Co. of Seattle, The.	462.00
McDougall, James H.	165.00	Twentieth Century Investment Co.	420.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Urban, Peter.....	\$225.00	Dallimore, W. J.....	\$3.00
Urban & Esling.....	75.00	Dietzgen Co., Eugene.....	250.00
Van Slyke, John.....	360.00	Elmer & Amend.....	89.50
Vollmers, Mrs. William.....	70.00	Fairbanks, Morse & Co.....	209.49
Walsh, P. H.....	360.00	Fort Wayne Electric Co.....	596.14
Warren, E. L.....	320.00	Friez, J. P.....	85.00
Welch, John W.....	1.50	Gaertner & Co., Wm.....	33.50
Wheaton, W. W.....	240.00	Grand Rapids Hand Screw Co.....	360.00
Whipps, W. C.....	576.00	Green, Henry J.....	62.40
Whitaker, Wm. F.....	32.00	Gurley, W. & L. E.....	474.30
Willow Lodge, No. 66, I. O. O. F.....	250.00	Hayward & Co., S. F.....	80.15
Winkelman, Geo. M.....	300.00	Jones Foundry & Machine Co., W. A.....	165.00
Wood, H. R.....	360.00	Kemp, J. P.....	778.00
Wrensted, Benedicta.....	264.00	King & Walker Co.....	28.13
Zinke, Wm.....	130.00	Machinists Supply Co.....	85.86
Total.....	99,629.17	Mueller Co., The.....	4.51
<i>Gas and electricity.</i>		Muth & Co., Geo. F.....	2,040.00
Alturas Electric Power Co.....	8.00	Nevada Mercantile Co.....	10.50
Andrews Light & Power Co.....	1.35	Queen & Co. (Inc.).....	15.30
Bishop Light & Power Co.....	6.60	Roessler's Sons.....	6.10
Chelan Water Power Co.....	32.40	Ruffin Drug Co., The.....	5.95
Conejos Cooperative Roller Mills & Manufacturing Co.....	16.65	Schmidt, Fred A.....	1,469.52
Delta Electric Light Co.....	16.70	Semet-Solway Co.....	90.00
Ely Light & Power Co.....	12.60	Somerville Co., Thos.....	1.25
Flagstaff Electric Light Co.....	19.25	Sussfeld, Lorsch & Co.....	871.84
Gunnison, The Town of.....	18.00	Trachte Bros. & Co.....	135.04
Hesson & Co., A. W.....	3.00	University of Wisconsin.....	23.67
Houx, Frank L.....	1.50	Welded Steel Barrel Corporation.....	29.00
Jensen, U. P.....	9.70	Wheeler Manufacturing Co., C. H.....	56.00
Idaho Power & Transportation Co.....	26.70	Whitehead Co., Jos. H.....	59.01
Kendall, J. L. & S. A.....	8.35	Williams, Brown & Earle.....	550.00
Larimer Light & Power Co.....	4.50	Total.....	13,188.87
Lemhi County.....	15.00	<i>Printing and binding.</i>	
Madison Gas & Electric Co.....	26.92	Albuquerque Morning Journal.....	27.60
Mancos Electric Light Co.....	72.00	Ansley Printing Co.....	17.62
Meeker Light, Heat & Power Co.....	8.55	Antonito Ledger.....	12.50
Mena Electric Light & Power Co.....	13.95	Breeze Printery, The.....	4.50
Meyer & Chapman.....	24.00	Earl & England Publishing Co.....	2.50
Monte Vista Electric & Gas Light Co.....	17.05	Ephraim Enterprise.....	6.00
New Republic Co.....	12.00	Faithom Co.....	881.54
Northern California Power Co. (Consolidated).....	15.95	Harrison Times, The.....	13.75
Northern Colorado Power Co.....	12.00	Jonas, R. H.....	7.25
North Washington Power Co.....	12.00	Juab County Times.....	2.50
Northwest Light & Water Co.....	17.00	Marshall Republican.....	2.20
Pacific Gas & Electric Co.....	9.00	Medford Printing Co.....	18.50
Potomac Electric Power Co.....	550.56	Merritt Printing Co.....	4.75
Prineville Light & Water Co.....	9.60	New Mexican Printing Co.....	4.25
Puget Sound Power Co.....	21.24	Out West Printing & Stationery Co.....	3.50
Rogue River Electric Co.....	15.80	Pioneer Times Publishing Co.....	9.00
Stevens & Co., Jos. E.....	8.00	Public Printer.....	167.60
Telluride Power Co.....	10.50	St. John's Sons, A. W.....	8.00
Tomlinson Bros.....	5.20	Scoville Press, A. L.....	18.50
Truckee River General Electric Co.....	3.00	Smith-Brooks Printing Co., The.....	40.25
Utah Light & Ry. Co.....	309.43	Sullivan Printing Works Co., The.....	50.00
Washington Gas Light Co.....	34.92	Torch Press.....	7.50
Whatcom County Ry. & Light Co.....	3.80	Tribune Citizen.....	5.00
Yale University.....	17.99	Watch Printing Co.....	83.99
Total.....	1,430.76	Wilson, John.....	1.25
<i>Apparatus, instruments, and laboratory material.</i>		Woody Printing Co., J. O.....	18.50
Arcularius & Co.....	7.00	Total.....	1,423.55
Ballantyne, R. Carter.....	212.50	<i>Travel and station and field expenses.</i>	
Bausch & Lomb Optical Co.....	3,224.54	Abbey, Harvey.....	126.46
Bishop & Co., J.....	247.17	Abbott, Albert J.....	96.90
Channon Co., H.....	343.00	Abbott, Arthur H.....	204.55
Coffin, G. H.....	6.50	Abbott, Carl L.....	15.25
Creosote Supply Co. (Ltd.).....	480.00	Abbott, Earl.....	13.90
		Abbott, Ralph T.....	99.80
		Ackley, Solon David.....	4.45
		Acord, Thomas.....	63.85

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Adair, Wallace.....	\$28.30	Backus, G. T.....	\$277.98
Adams, Bristow.....	285.44	Bagley, Edward C.....	17.35
Adams, C. H.....	603.75	Bailey, A. W.....	7.35
Adams, Clarence M.....	73.88	Bailey, Jas. D.....	139.60
Adams, Daniel W.....	1,141.66	Bailey, D. B.....	80.16
Adams, James B.....	1,215.34	Bain, Virginia M.....	32.15
Adams, John A.....	28.25	Baird, Carroll S.....	20.90
Adams, Lawrence J.....	92.85	Baird, John S.....	845.83
Adamson, Jesse W.....	9.45	Baird, W. W.....	3.63
Agee, Fred B.....	230.80	Baker, Francis E.....	12.00
Aiken, Wm. M.....	588.53	Baker, K. C.....	9.70
Ainger, F. E.....	217.95	Baker, Philip.....	13.60
Alden, Whiting.....	3.30	Baker, William L.....	16.00
Aldons, Alfred Evan.....	9.00	Baker, W. W.....	8.90
Allen, G. H.....	20.50	Baldwin, Jas. H.....	71.15
Alexander, Leslie.....	34.59	Ballard, S. M.....	160.25
Allen, C. L.....	40.77	Ballinger, Charles A.....	744.26
Allen, E. T.....	198.10	Balsley, Howard W.....	2.25
Allen, Geo. R.....	11.25	Balthis, R. F.....	226.66
Allen, Grover A.....	38.85	Bannister, L. O.....	10.50
Allen, G. F.....	307.23	Barber, Jack R.....	238.60
Allen, J. H.....	27.00	Barbur, H. H.....	127.13
Allen, John L.....	14.00	Bard, G. P.....	752.37
Allen, Lloyd.....	8.50	Barker, Chas B.....	6.60
Allen, M. C.....	25.58	Barker, E. S.....	203.60
Allen, Oscar J.....	41.50	Barker, Peter O.....	19.30
Allen, Ray L.....	2.65	Barker, Wm. L.....	175.20
Allen, R. W.....	506.14	Barnard, John.....	20.37
Allen, S. P.....	1.20	Barnes, Ephraim.....	130.99
Allen, S. W.....	324.50	Barnes, Geo. H.....	1,626.80
Allen, Walter R.....	33.65	Barnes, Walter S.....	55.18
Alles, Conrad.....	77.16	Barnett, David.....	297.85
Allison, John H.....	1,167.14	Barnett, Jos.....	64.25
Allison, Walter.....	19.30	Barney, Geo. H.....	170.48
Allred, J. C.....	24.35	Barnum, C. T.....	311.24
Alsop, John D.....	25.50	Barrett, Arthur C.....	62.48
Alverson, John E.....	22.75	Barrett, Louis A.....	530.65
Ames, F. E.....	734.09	Barringer, H. P.....	33.45
Anderson, David.....	12.30	Barrows, W. B.....	254.80
Anderson, Frank.....	1.50	Barry, Cornelius.....	41.42
Anderson, Herman E.....	39.88	Barslow, Glidden J.....	176.56
Anderson, John N.....	27.65	Barto, Roy.....	129.65
Anderson, J. O. F.....	13.00	Barton, J. E.....	267.04
Anderson, Joseph F.....	10.75	Bartrum, C. De F.....	31.60
Anderson, H. Vernon.....	40.35	Bartrum, S. C.....	299.79
Anderson, L. H.....	26.90	Bateman, Ernest.....	5.45
Anderson, M. J.....	330.32	Bateman, Jos. A.....	7.20
Anderson, Wilbur E.....	7.50	Bates, Carlos G.....	910.61
Anderson, Wm. Jno.....	72.05	Bauder, Charles.....	153.50
Anderson, Wm. M.....	137.70	Bayer, Chas. J.....	19.35
Andrews, W. T.....	264.82	Beach, Charles T.....	160.78
Andrews, Frank E.....	298.86	Beal, Orion L.....	27.60
Arentson, Carl B.....	319.34	Beam, Chas. A.....	148.55
Armentrout, Edwin S.....	29.33	Beard, J. D. F.....	18.75
Arthur, O. Fred.....	91.25	Beart, Frank.....	10.95
Arthur, Sophia B.....	44.63	Beatty, Dwight L.....	189.30
Armitage, Robert W.....	206.05	Bechtle, Cecil R.....	49.34
Armitage, Sidney C.....	4.60	Behreus, John G.....	7.10
Armstrong, Andrew K.....	279.80	Belk, John W.....	12.00
Armstrong, Phil S.....	19.20	Bell, Carl E.....	1.50
Arrison, D. W.....	29.90	Bell, C. P.....	1.50
Ashcraft, A. Calvin.....	10.20	Bell, John W.....	21.60
Ashe, W. W.....	104.90	Bellairs, Newton G.....	26.98
Ashlock, Norman S.....	91.45	Belt, D. G.....	107.44
Atcheson, Henry W.....	6.60	Benedict, J. St. J.....	110.47
Atkins, Ross M.....	6.65	Benedict, Lewis.....	99.15
Augsburger, Jos. W.....	2.75	Benedict, Maurice A.....	364.23
Austin, Arthur.....	7.50	Benedict, M. S.....	463.00
Austin, Hugh C.....	14.55	Benedict, R. E.....	1,047.60
Averett, Murray.....	253.00	Benham, Henry L.....	22.80
Ayer, Lawrence C.....	3.70	Bennett, Robert.....	5.85
Ayres, R. W.....	94.55	Bennett, Wilmer C.....	92.65
Babbitt, W. H.....	9.90	Benson, John C.....	11.90
Bach, Jas. F.....	16.10	Bentley, George A.....	22.70



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Bentley, jr., John.....	\$437.55	Bradish, W. N.....	\$91.45
Bentz, Geo. G.....	737.10	Bradley, Mate E.....	1.55
Bergh, H. A.....	263.13	Bradner, George.....	16.28
Berglured, A. C.....	10.90	Bramel, O. M.....	15.95
Berky, Edgar C.....	166.87	Braniff, E. A.....	187.02
Berlin, Will.....	7.50	Brannan, Henry W.....	16.50
Bernhardt, Elsa J.....	415.15	Brashear, Wm. P.....	4.10
Berriman, Robert C. M.....	43.90	Breen, J. E.....	46.99
Berry, O. J.....	118.40	Brenner, Carl O.....	9.70
Berry, Swift.....	476.50	Brereton, C. S.....	42.55
Besley, F. W.....	15.74	Brewer, Guy.....	227.78
Bettandorf, George.....	96.50	Brinkley, J. A.....	104.88
Bettinger, Guy L.....	2.75	Briscoe, John M.....	517.71
Betts, H. S.....	589.40	Bristol, H. Stanley.....	231.24
Betts, Norman De W.....	210.19	Brittain, Roy.....	6.75
Bigelow, Richard L. P.....	474.66	Britten, E.....	88.46
Bignell, G. A.....	36.60	Brockbank, Jno. P.....	60.75
Biles, Edgar V.....	32.30	Bronson, Daniel D.....	994.67
Billings, Nelson J.....	316.30	Brose, Fred W.....	4.00
Bingham, Cy. J.....	258.33	Brotherton, Geo. W.....	77.25
Birdno, Geo. H.....	12.55	Brough, Walter F.....	22.60
Birdsill, Arlie J.....	28.25	Brower, Asa L.....	241.24
Bish, Edward.....	37.44	Brown, Albert C.....	40.18
Bishop, L. L.....	5.65	Brown, C. A.....	27.20
Bissell, H. H.....	8.00	Brown, Fred E.....	22.10
Bixby, J. O.....	59.10	Brown & Gilbert.....	211.20
Black, Charles.....	288.24	Brown, James A.....	69.60
Blackburn, Jas. L.....	63.60	Brown, J. Arthur.....	113.95
Blackhall, James.....	260.13	Brown, J. C.....	201.80
Blackman, W. O.....	42.50	Brown, Nelson C.....	45.55
Blackwell, G. M.....	35.80	Brown, Roland W.....	13.10
Blaine, Frank.....	30.80	Brown, S. A.....	157.40
Blair, James A.....	496.49	Brown, Will.....	4.60
Blake, Grover C.....	59.87	Brown, Wm. J.....	70.80
Blake, F. G.....	55.75	Brown, W. J.....	11.75
Blake, John C.....	5.05	Browne, Alexander G.....	44.31
Blakeslee, W. W.....	201.85	Brownell, Leslie M.....	104.59
Blakely, Carrie D.....	5.65	Browning, Ralph H.....	10.85
Blank, Henry V.....	43.85	Brownlow, Oliver P.....	257.85
Blankenship, E. O.....	87.45	Bruce, Eugene S.....	898.00
Blankenship, Harry C.....	113.16	Buckart, John R.....	9.76
Blankenship, S. A.....	189.46	Bruins, J. F.....	1,034.18
Blasingame, Paul B.....	8.50	Brundage, F. H.....	284.61
Blatchford, Robert S.....	35.50	Brunke, E. R.....	274.72
Blatherwick, J. A.....	357.05	Brunner, C. C.....	32.40
Bletcher, W. B.....	56.20	Brunyate, Fred B.....	283.81
Blevins, Leo A.....	56.90	Brush, Warren D.....	197.60
Blocker, Sam A.....	177.10	Bruton, James J.....	28.70
Blodgett, Harvey.....	15.60	Bryan, jr., John L.....	9.80
Bluck, Edwin.....	33.40	Bryant, Cyrus L.....	23.95
Blume, Wm. E.....	6.85	Bucher, A. J.....	3.50
Blundell, Ira W.....	4.35	Buchholz, Jas. O.....	26.00
Boerker, Richard H.....	17.75	Buck, C. J.....	436.19
Bohn, George J.....	206.60	Buck, Shirley.....	211.35
Boldenweck, H. L.....	163.90	Buckner, J. L.....	54.52
Bolen, James H.....	98.45	Buckner, W. G.....	44.20
Bond, Francis M.....	152.52	Buhl, P. S.....	50.80
Bonebrake, G. A.....	56.85	Bunker, Ernest C.....	136.26
Bonham, John P.....	55.30	Bunker, Page S.....	247.96
Bonner, F. E.....	12.20	Bunton, W. B.....	371.70
Bonner, V. L.....	272.22	Burch, Ben.....	26.55
Booth, Harry M.....	1,358.16	Burghardt, J. G.....	16.25
Boothe, Delbert W.....	6.60	Burke, Robert E.....	136.35
Boothe, Roy.....	25.05	Burke, Thos. J.....	82.50
Bordwell, E. M.....	19.55	Burks, Fred C.....	8.25
Bosse, William L.....	39.17	Burnett, Albert.....	5.80
Boughton, Edward H.....	11.00	Burns, Findley.....	298.50
Bowen, W. Jones.....	24.75	Burns, George Washington.....	4.50
Bowers, Walter F.....	160.45	Burns, Mark L.....	82.94
Boyd, John W.....	58.55	Burns, W. Albert.....	18.05
Boyes, Wm. B.....	119.32	Burr, Horace J.....	27.25
Bradfield, Wesley.....	235.60	Burrall, Harrison D.....	164.10
Bradford, Fred M.....	14.50	Busch, S. H.....	154.88

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Bushnell, Dwight	\$285.15	Clark, Ernest B.	\$22.40
Bushnell, H. S.	121.98	Clark, Ernest D.	106.87
Bushnell, Jesse I.	19.00	Clark, Eugene E.	24.96
Bushnell, Ralph H.	170.72	Clark, Edward F.	11.90
Buster, Monty E.	29.15	Clark, E. R.	48.50
Burton, W. C.	220.55	Clark, Elias T.	195.45
Butler, Charles E.	91.50	Clark, E. V.	72.20
Butler, Frank M.	54.55	Clark, Frank A.	69.85
Butler, Joseph W.	367.30	Clark, Fred B.	71.77
Butler, O. M.	455.85	Clark, James E.	28.61
Byars, Samuel T.	5.05	Clark, Jay C.	29.80
Cahill, James Augustus	22.60	Clark, John H.	281.23
Caisse, Antoine M.	25.32	Clark, Robt. E.	355.65
Calbick, Allen C.	11.25	Clarke, E. H.	381.65
Calkins, Hugh G.	337.55	Clarke, H. H.	129.10
Calvert, C. P.	270.15	Clary, Jno. H.	112.90
Cammann, John B.	39.50	Clay, Rufus E.	7.80
Campbell, C. P.	104.22	Clay, Samuel H.	7.45
Campbell, J. K.	872.70	Cleator, Fred W.	375.76
Campbell, Robert L.	215.35	Cleaveland, H. A.	103.35
Campbell, Walter M.	189.61	Cleaver, S. R.	2.35
Campbell, William A.	75.71	Clements, F. E.	228.66
Canfield, Fred W.	10.25	Centennial, Clif.	9.50
Canley, E. B.	113.50	Clifford, E. C.	361.38
Cannon, M. Thurman	20.41	Clifford, W. N.	991.23
Carlson, Frank	11.70	Clifton, S. B.	30.50
Carmody, D. L.	114.90	Cline, McGarvey	646.21
Carpenter, Grant	64.72	Clingan, Wm. M.	37.96
Carpenter, Louis A.	6.75	Clothier, George L.	52.87
Carroll, Frank H.	27.75	Cobbs, jr., Jno. L.	354.38
Carscallen, Thos. W.	65.00	Cockrell, Ora	21.50
Carson, C. M.	26.80	Coe, Charles	21.80
Carson, Frank O.	7.20	Coffman, J. D.	526.13
Carter, Danl. R.	12.25	Cohea, William M.	60.95
Carter, E. E.	876.05	Cohoon, Anson E.	312.50
Case, Albert L.	70.23	Cole, Albert E.	8.35
Case, N. C.	64.95	Coleman, John R.	67.95
Casper, Wm. W.	4.00	Collins, Thos. J.	97.08
Castle, Charles L.	87.58	Colter, Harry N.	73.34
Castle, Harry L.	125.10	Colvig, Frank L.	15.55
Cates, John M.	226.10	Combs, Clinton W.	15.27
Cavin, Geo. W.	8.75	Coughleton, C. S.	614.50
Cayot, Frank B.	20.97	Conkling, D. T.	226.90
Cayton, Jas. G.	38.85	Conley, Wm. O.	17.00
Cecil, Geo. H.	804.33	Conlon, Joseph F.	48.15
Chamberlain, C. A.	202.62	Conner, J. F.	99.50
Chamberlin, Geo. W.	121.70	Conner, R. E.	32.05
Chapin, Guilford B.	25.50	Conrad, Alfred B.	481.62
Chapman, C. S.	928.96	Conwell, H. H.	32.85
Chapman, Herman H.	46.75	Conzet, Grover M.	2.75
Chapman, Lewis C.	43.67	Cook, Arthur M.	270.14
Chappell, Sidney A.	547.33	Cook, Elizabeth M.	16.65
Charlton, Rushton H.	424.13	Cook, James T.	53.85
Chase, Fred H.	60.20	Cook, John W.	90.30
Chase, Roy E.	781.97	Cook, Warren E.	19.65
Cherry, Mark K.	21.10	Cooke, Joseph E.	10.10
Cheshire, Lillie A.	9.74	Cooley, Chas. F.	23.75
Chichester, F. W.	1.50	Coolidge, Philip T.	97.43
Chidsey, Thomas E.	418.45	Cooper, Albert W.	179.54
Chittenden, A. K.	460.89	Cooper, Lee E.	242.06
Chivington, H. H.	185.40	Cooper, Warren M.	40.00
Chloupek, E. H.	98.13	Copley, G. A.	4.60
Christensen, E. M.	109.73	Cosley, Joseph C.	4.25
Christensen, Moses	18.95	Cosper, Cecil	16.95
Christensen, Theodore	3.70	Cott, George L.	722.65
Christiansen, Farley	101.75	Cottrell, George C.	9.65
Christiansen, J. N.	111.00	Couch, Edmund	40.05
Cimpher, Edmund D.	6.50	Coughlin, Louis E.	62.71
Clabby, R. E.	161.45	Cousins, A. H.	312.23
Clack, John H.	58.80	Cox, Chester B.	211.95
Clapp, Earle H.	795.11	Cox, jr., F. M.	16.05
Clark, Aquilla E.	5.50	Cox, Warren M.	32.05
Clark, Betsey B.	2.35	Cox, Wm. T.	1,092.99

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Crabb, E. H.	\$228.40	Dieckman, Philip V.	\$38.11
Craft, Q. R.	167.77	Dieffenbach, R.	474.54
Cramer, H. B.	778.19	Dilley, James W.	24.40
Crandell, Lemuel D.	10.25	Dillon, Edward.	111.10
Crane, Harrison M.	69.45	Diver, Clayton.	9.55
Crammer, George E.	3.80	Dodds, William R.	21.75
Crawford, Chipman L.	24.00	Donaldson, W. A.	94.00
Cressler, B. F.	31.50	Donery, Joseph A.	95.26
Crew, W. H.	12.65	Doney, Raymond W.	1.50
Criswell, Wm. H.	12.13	Donnelly, Wm. A.	89.75
Crittenden, T. D.	11.10	Doritus, Seymour R.	11.35
Crockett, Geo. D.	65.95	Dorman, John W.	1.90
Crombie, F. H.	296.80	Dorr, L. H.	20.00
Cromwell, M. C.	49.65	Dorsey, Edgar J.	80.00
Cross, Benj. H.	30.38	Dougherty, Jefferson M.	60.60
Cross, Maurice B.	41.60	Douglas, A. H.	186.37
Crow, George.	18.00	Douglass, Britain T.	14.60
Crowell, Lincoln.	175.45	Downs, Newton V.	48.75
Croxford, Harry.	9.26	Drake, Willard M.	184.08
Crum, Marion.	11.90	Drew, N. B.	181.99
Crutchfield, A. G.	84.85	Du Bois, Coert.	1,033.98
Cryder, W. W., jr.	22.00	Du Bois, Floyd M.	11.05
Cuenin, Fred S.	5.10	Dudley, Ernest G.	94.30
Curnin, J. M.	109.93	Duffy, Bernard J.	73.89
Cunningham, Frank P.	114.50	Duffy, John J.	738.46
Cunningham, Harry M.	7.75	Dumas, Mack O.	23.20
Cummings, Melvil J.	5.60	Duncan, L. Grant.	442.68
Curl, John B.	26.00	Dunham, Robert A.	1.59
Curry, H. W.	26.85	Dunlap, Frederick.	144.49
Curry, Thos. A.	1,404.10	Dunston, C. E.	577.20
Curtin, Grace M.	55.55	Dunston, Gale J.	16.20
Dahl, A. L.	137.71	Durant, Magnus J.	96.73
Dahlgren, Calvin A.	18.61	Durbin, Martin S.	63.26
d'Allemand, B. R. H.	296.47	Durbin, William G.	430.12
Dana, S. T.	510.65	Durgan, Edward C.	34.55
Daug, William H.	120.19	Dustin, Bailey O.	18.50
Daniels, C. A.	12.00	Duthie, George A.	522.40
Darby, Austin E.	34.10	Dwire, Carroll R.	196.58
Darbey, Wm. M.	559.25	Dyar, W. H.	565.10
Darling, E. H.	28.31	Dykema, W. P.	688.03
Darling, William R.	54.05	Eastland, J. C.	2.50
David, John E.	15.55	Eastland, V. O.	99.75
Davidson, W. B.	6.75	Eaton, H. O.	68.15
Davies, F. J.	37.50	Eberly, Howard.	4.50
Davis, Clarence.	9.85	Eckbo, Nils B.	338.96
Davis, De Lafayette.	9.60	Ediek, Mark.	23.05
Davis, Drury D.	15.55	Edmonston, W. D.	805.70
Davis, Ernest W.	19.50	Edmunds, P. D.	117.95
Day, Percy L.	614.42	Edwards, A. H.	60.89
Day, Rod S.	45.40	Edwards, Charles H.	78.86
Day, Samuel E., jr.	7.75	Edwards, Eli.	4.80
Day, Wm. W.	7.44	Eggleston, W. W.	95.65
Dayton, William A.	105.04	Elder, Jason S.	172.73
Dean, Robert A.	147.70	Eldredge, Inman F.	352.85
Debitt, R. M.	115.80	Elliott, John E.	568.87
De Camp, J. C.	8.85	Elliott, Joseph C.	479.21
Dechant, H. P.	277.79	Elliott, Madison B.	674.70
Decker, Isaac W.	136.41	Elliott, S. J.	6.75
De Forest, G. Ewing.	140.30	Ellis, Don Carlos.	498.61
de Forest, Howard.	17.50	Ely, M. W.	70.20
De Grovt, Peter.	48.90	Emery, O. A.	70.53
De Lano, Thomas.	9.00	Emmons, Charles L.	61.45
Dell, Walter V.	12.40	Ensign, Charles H.	630.47
De Long, Albert., jr.	52.70	Erickson, Edwin C.	316.73
De Long, James H.	19.00	Erickson, M. L.	342.05
Dennis, Charles S.	1.35	Erickson, Neil.	104.35
Dennis, James.	2.70	Erickson, T. O.	689.80
Derby, W. F.	12.40	Estes, Ida D.	73.60
Derrick, Herbert E.	50.37	Evans, Thomas.	7.05
Derrick, W. J.	78.85	Evarts, C. K.	42.95
D'Ewart, Robert A.	12.90	Eveleth, Ralph J.	28.75
De Witt, Jesse.	16.05	Evered, A. C.	17.05
		Everts, Wm. S.	25.18



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Everest, Harry.....	\$199.10	Franklin, Marion.....	\$7.60
Ewing, Carl M.....	150.58	Fransham, Rhesis.....	36.85
Exon, Guy S.....	100.55	Fraser, William R.....	77.00
Eyman, Walter R.....	43.50	Freeburn, Charles.....	9.00
Ezell, Sumner T.....	106.70	Freeman, F. J.....	42.00
Fagan, M. E.....	300.65	French, H. Earl.....	562.56
Fairchild, Fred R.....	192.05	French, Harry H.....	450.07
Fairhurst, Albert L.....	65.85	Frey, Merle F.....	54.95
Falek, J. G.....	95.70	Frey, Samuel A.....	75.52
Farquhar, Henry H.....	636.69	Friedland, K. B.....	22.10
Eastman, Albion W.....	26.15	Fritts, Chas. W.....	22.29
Farrar, C. L.....	93.93	Frizzell, Lawrence.....	31.60
Farrington, Austin C.....	12.25	Fromme, R. L.....	294.89
Faulkner, N. C.....	16.80	Frothingham, Earl H.....	371.91
Fay, Herbert B.....	96.90	Fuchs, Wm. R.....	34.40
Feagans, Ray F.....	405.27	Fulton, Chas. W.....	30.69
Fearn, Harvey.....	6.80	Furnish, James L.....	112.00
Feary, Alfred J.....	74.95	Gage, Chas. P.....	93.20
Featherston, Ren S.....	248.20	Garleneau, D. C. A.....	126.47
Fee, Oliver.....	5.50	Gallaher, Heustis U.....	4.60
Fegan, H. J.....	208.35	Gallooly, J. W.....	3.25
Fegley, Herman E.....	179.60	Gardner, C. T.....	99.65
Felder, Hattie E.....	20.60	Gardner, William F.....	63.35
Fetts, Basil H.....	20.25	Garner, Newton.....	27.72
Fenby, Edwin J.....	314.86	Garner, Samuel J.....	37.91
Fender, E. L.....	48.96	Garner, Will A.....	74.02
Fenn, F. A.....	184.42	Garrett, B. R.....	33.30
Fenn, Homer E.....	677.45	Garrett, Wm. X.....	154.05
Fenton, P. A.....	24.00	Garrison, A. W.....	74.10
Ferguson, John A.....	39.25	Garrison, James S.....	123.24
Ferguson, R. Trevor.....	54.00	Gaslin, Jos. A.....	16.94
Fetherolf, James M.....	451.15	Gaylord, F. A.....	165.38
Fetherolf, N. J.....	70.47	George, C. L.....	121.95
Fick, C. H.....	27.00	George, John R.....	28.45
Fickes, Clyde P.....	1.90	Gessert, Geo. R.....	23.05
Finch, Albion J.....	42.90	Gilbreath, Earl R.....	278.10
Finch, Emery J.....	43.55	Gilechrist, James C.....	66.18
Findley, S. H.....	126.23	Gillan, Silas L.....	859.69
Finkbner, David E.....	169.80	Gillette, Leon A.....	4.55
Finley, Robert.....	69.35	Gilliam, Thomas J.....	69.85
Fishel, Earnest E.....	66.95	Gilliam, Walter F.....	7.25
Fisher, Charles A.....	1,244.03	Gillie, G. Edmund.....	17.85
Fisher, Jerry J.....	74.45	Gilmore, Chas. L.....	232.75
Fisk, Dannie W.....	23.50	Gilson, Irving.....	3.75
Fisk, John J.....	8.25	Girard, James W.....	41.00
Fitting, Louis.....	60.25	Gleason, Carl N.....	152.50
Fitting, Roy R.....	122.05	Goddard, W. H.....	234.40
Fitton, D. E.....	394.71	Godfrey, David E.....	9.45
Fitton, David E.....	119.60	Godwin, David Parker.....	368.59
Fitzgerald, C. W.....	89.71	Goldsmith, Belknap C.....	281.27
Fitzhugh, Clarence H.....	31.15	Goodale, Grant.....	42.80
Fitzwater, J. A.....	873.95	Goody, Penn L.....	52.50
Flake, Osmer D.....	62.01	Gordon, Granville J.....	9.25
Fleischman, Geo.....	5.75	Gordon, Morris L.....	282.50
Fleming, C. E.....	99.40	Goshen, Geo. W.....	82.65
Fleming, Charles.....	7.15	Goss, O. P. M.....	483.44
Fletcher, Elmer D.....	35.45	Graft, Herbert.....	363.84
Flory, Chas. H.....	598.13	Graham, Frank A.....	50.35
Flourmay, Robert W.....	54.35	Graham, Fred.....	81.10
Foote, Robert E.....	14.40	Graham, F. W.....	7.13
Foote, Frank A.....	492.00	Graham, J. E.....	34.60
Forbes, Earl G.....	8.10	Graham, Joe.....	72.30
Ford, Edward H.....	93.41	Grand, John.....	40.52
Forster, James E.....	44.00	Grandjean, E.....	382.01
Forster, Wm. J.....	91.35	Granger, Christopher M.....	506.96
Foster, Fred R.....	2.75	Grant, James M.....	1,087.93
Foster, Harold D.....	201.74	Graves, Henry S.....	560.96
Foster, John Harold.....	33.68	Gray, Chas. T.....	231.80
Fotheringham, Edward.....	20.05	Gray, Frank E.....	125.60
Fowler, O. E.....	15.00	Gray, John T.....	301.30
Fox, Geo. H.....	32.75	Gray, P. S.....	205.45
Frame, James.....	62.30	Greeley, W. B.....	877.50
Franklin, Blake.....	435.75	Green, Charles J.....	559.30

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Green, John B.	\$14.85	Harris, H. W.	\$404.05
Green, Otto T.	216.60	Harris, Joseph A.	36.75
Green, Wm. T.	32.05	Harris, Lee A.	863.22
Greene, Harold.	535.23	Harris, P. T.	395.45
Gregg, George P.	1,156.96	Harrison, W. B.	93.69
Gregory, C. H.	495.95	Harte, Frank E.	21.60
Gregory, Dean A.	8.70	Harvey, Bartle T.	442.06
Grove, Thomas W.	7.00	Harvey, R. L.	605.15
Gribble, E. W.	45.70	Harvey, J. Roy.	128.35
Gribble, John E.	761.33	Harwood, Alfred W.	4.50
Gribble, Martin J.	19.90	Hastings, Lucas W.	177.25
Griffin, Chas. O.	2.95	Hatch, Charles F.	396.76
Griffin, C. W.	156.10	Hatfield, Robt. J.	6.75
Griffin, Orlow H.	20.05	Hatt, W. K.	255.95
Griffith, E. M.	94.48	Hatton, John H.	578.46
Grigg, Alfred.	26.20	Hatton, Thomas C.	147.00
Griggs, T. H.	5.75	Haun, Frank D.	40.55
Griswold, C. T.	129.30	Hawley, L. F.	394.11
Griswold, Grace.	25.80	Hawley, Ralph C.	67.40
Grubb, N. H.	66.05	Hawley, jr., W. W.	44.73
Gumaer, R. M.	165.05	Hayes, Geo. M.	13.10
Gundlach, August W. F.	35.75	Hayes, William.	33.40
Gustafson, G. W.	15.65	Hayes, William D.	108.27
Guthrie, Hugh M.	147.48	Haynes, L. G.	60.83
Guthrie, John D.	359.80	Haynie, Frank.	29.60
Hailey, F. H.	385.63	Hays, O. O.	68.12
Hageman, John A.	16.20	Hays, Samuel R.	141.45
Haines, A. C.	26.70	Hazzard, W. H.	39.41
Haines, F. N.	270.25	Headley, Roy.	669.34
Haines, Roscoe.	214.83	Headsten, Edward W.	216.46
Hale, H. M.	310.72	Heath, Noel C.	24.85
Halfner, Henry E.	215.95	Heavy, E. H.	141.15
Hall, C. C.	364.32	Hedrick, Frank.	149.55
Hall, Harry C.	205.55	Hedricks, Amos.	220.05
Hall, Henry C.	84.10	Heikes, Marion E.	3.45
Hall, Jesse R.	330.45	Heilman, Benjamin E.	138.90
Hall, R. Clifford.	465.37	Heim, A. L.	185.68
Hall, Robert F.	19.30	Helff, Ruth W.	19.40
Hall, Stanley B.	376.65	Helfrich, Frank.	139.83
Hall, W. J.	28.25	Hellan, Walter G.	42.35
Hall, Wm. L.	1,252.08	Heller, Chas. J.	462.74
Hallock, Albert G.	70.05	Henderson, Chas. S.	6.60
Halm, Jos. B.	41.50	Henderson, Sebird.	8.65
Halsey, W. A.	41.80	Henderson, W. C.	514.80
Haman, Fred'k C.	66.50	Henderson, Wm.	68.66
Hamel, A. G.	269.67	Hendricks, Emll.	67.77
Hamilton, Edwin R.	87.25	Hendry, George W.	319.85
Hamilton, George A.	64.50	Henley, Robt. C.	12.10
Hammatt, R. F.	434.83	Henrie, Samuel E.	15.75
Hammer, L. L.	69.50	Henson, C. L.	69.27
Hammond, H. B.	95.60	Hepburn, E. D.	58.50
Hammond, Lorenzo E.	14.15	Herbert, Ernest W.	21.05
Handberg, John G.	19.36	Herbert, Thomas M.	30.85
Hankness, Lula E.	15.30	Herrick, Colt E.	27.30
Hanks, Sidney A.	41.63	Herrick, Lincoln.	252.71
Hanks, Walter E.	13.75	Herrick, Urban E.	9.80
Hanna, Norman G.	13.00	Herring, W. E.	564.10
Hansen, Fred.	443.91	Herrington, Thomas E.	20.25
Hansen, Hans T.	41.55	Hess, Chas. E.	81.60
Hanson, Chas. A.	10.20	Hess, John B.	69.20
Hanzlik, Edward J.	100.53	Hess, Robert L.	81.70
Hapner, Albert S.	24.00	Hettinger, August.	73.45
Hard, E. C.	1,053.78	Hibbard, Newell E.	41.15
Hardin, F. M.	16.35	Hickman, Joseph H.	33.50
Hardy, Albert A.	42.33	Hicks, P. R.	1,046.74
Hardy, Chas. P.	12.75	Hiett, Robert H.	8.60
Hardy, L. E.	40.35	Higgins, Frank.	17.20
Haring, O. E.	6.15	Higgins, Jay.	220.55
Harkness, D. D.	124.40	Higgins, Howard.	6.75
Harley, Frank W.	84.20	Higgins, Samuel M.	345.77
Harpham, E. E.	1.65	Hill, Albert.	38.75
Harpham, Vernon V.	25.03	Hill, C. L.	57.65
Harriman, W. O.	31.80	Hill, Frank P.	103.40
Harris, Alfred E.	89.25	Hill, Perry J.	42.35

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Hill, Robert R.....	\$17.01	Hunt, Roy A.....	\$58.10
Hill, W. F.....	449.81	Hunt, Thos. B.....	6.00
Hilligoss, Ralph A.....	295.63	Hunt, T. M.....	114.40
Hillis, Harry B.....	113.95	Hurd, Herbert L.....	137.33
Hillis, O. L.....	60.48	Hurd, Mareau G.....	39.45
Hillmon, Louis R.....	10.10	Hurlbut, J. W.....	22.50
Hilton, Franklin P.....	6.60	Hurst, C. H.....	50.25
Hilton, Geo.....	101.70	Hurst, William.....	283.95
Hinderer, Chas. H.....	425.80	Hurt, L. D.....	27.20
Hinkle, Shelby B.....	60.83	Huston, Rush J.....	59.78
Hintze, F. F.....	26.20	Hutchinson, W. I.....	792.58
Hinst, Henry C.....	97.59	Iles, Frank B.....	7.75
Hiscox, Shepard.....	81.20	Imes, Carl.....	34.65
Hite, Jas. S.....	76.75	Imes, Richard P.....	307.57
Hjort, Carl K.....	117.97	Ingall, O. D.....	434.23
Hobron, Ferris D.....	9.45	Ingram, C. J.....	5.50
Hockaday, Morrison W.....	84.57	Ingram, Douglas C.....	134.47
Hockett, H. C.....	16.35	Ingram, Guy M.....	464.80
Hodgson, Allen H.....	419.42	Ingram, John E.....	190.19
Hodgson, Ray W.....	3.45	Ingram, Pearl V.....	101.35
Hodson, E. R.....	426.25	Ireland, Asher.....	372.55
Hoffman, Albert H.....	9.30	Ireland, A. D.....	319.19
Hogue, A. H.....	176.94	Ireland, Henry.....	472.36
Hogue, Clarence E.....	18.25	Irion, Harry.....	83.12
Hoke, Ellis.....	6.35	Ivie, Ray.....	86.61
Holbrook, Frederick J.....	.50	Jackson, Alexander G.....	270.68
Holbrook, Wellman.....	231.33	Jackson, Clarence W.....	74.64
Holcomb, Ed. A.....	49.55	Jackson, Joe W.....	5.55
Holcomb, Walter E.....	17.00	Jackson, W. E.....	209.90
Holderman, E. S.....	29.25	Jacobi, Lydia.....	22.05
Holroyd, H. B.....	292.60	Jacobs, S.....	289.60
Holst, John D.....	56.90	Jacques, Thos. E.....	49.45
Holt, Harold.....	2.25	Jacroux, Eugene J.....	12.55
Holt, Lewis T.....	60.45	James, Andrew J.....	325.37
Homans, G. M.....	201.50	James, John M.....	61.40
Hood, W. Douglas.....	2.00	Jameson, Ernest.....	43.50
Hoover, Wm.....	23.25	Jamison, Harold B.....	236.35
Hopkins, Arthur S.....	32.20	Janes, Lionel L.....	467.82
Hopping, Karl.....	8.60	Jardine, James T.....	1,027.43
Hopping, Ralph.....	150.10	Jarvis, Burton.....	23.30
Hopson, Walter A.....	11.00	Jarvis, Chas. E.....	16.35
Horton, E. M.....	21.60	Jebe, William F.....	4.50
Horton, W. H.....	23.70	Jeffries, James B.....	137.32
Hosmer, Ralph S.....	659.44	Jeken, Frederic J.....	255.95
Hough, J. W.....	24.80	Jennings, Chas. H.....	141.57
Houghton, Claud.....	13.80	Jensen, A. W.....	261.34
Houghton, Therese G.....	2.90	Jensen, H. E.....	22.65
Houser, O. C.....	15.50	Jensen, James.....	19.50
Hou, Charles C.....	142.78	Jensen, James C.....	37.25
Howard, William G.....	26.95	Jensen, M. C.....	30.65
Howarth, Jr., Jas. A.....	277.07	Jensen, Marion N.....	9.10
Howell, Charles F.....	149.10	Jewell, James E.....	257.07
Howells, Clayton M.....	29.55	Johnson, Ben L.....	3.00
Howland, Geo. L.....	52.20	Johnson, B. F.....	167.02
Hoyt, James F.....	21.35	Johnson, Clifford.....	22.50
Hoyt, T. C.....	429.50	Johnson, C. M.....	2.00
Hubbard, G. N.....	85.43	Johnson, Curt H.....	73.15
Huddle, C. I.....	335.80	Johnson, D. D.....	65.45
Hudson, Charles F.....	7.10	Johnson, Henry L.....	376.08
Hudson, C. W.....	199.47	Johnson, H. Norton.....	1,667.64
Hudson, Herbert C.....	17.07	Johnson, Jas. H.....	253.82
Huestis, Wilbur A.....	283.85	Johnson, Lewis E.....	477.65
Huey, R. C.....	264.42	Johnson, R. P. A.....	422.91
Huff, Nellie.....	88.60	Johnson, Ross H.....	27.65
Huffman, E. P.....	126.16	Johnson, Scovel H.....	523.95
Huffman, Wm. P.....	24.20	Johnson, Wm. P.....	190.43
Hughel, Nile.....	149.30	Johnston, Don P.....	619.70
Hughes, Fred E.....	6.10	Johnston, Florence E.....	29.35
Hughes, J. P.....	929.11	Joice, Ernest P.....	43.40
Hughes, John R.....	67.60	Jones, Birtal W.....	91.80
Hungate, H. G.....	7.95	Jones, Chapin.....	248.01
Humiston, George E.....	3.35	Jones, E. E.....	99.85
Humphrey, Joseph W.....	71.75	Jones, Evan.....	15.85



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Jones, I. E.	\$30.55	Knowles, Percy	\$8.85
Jones, John D.	439.22	Knowlton, Frank H.	23.05
Jones, John L.	11.70	Koch, Elers	444.33
Jones, Lee	120.86	Kottkey, Henry F.	23.35
Jones, T. J.	30.15	Kreutzer, Wm. R.	364.53
Jones, Thos. M.	48.22	Kroencke, J. H.	23.20
Jones, Walter J.	109.75	Kroger, Henry A.	20.35
Jordan, Charley E.	26.60	Kruse, John F.	54.30
Jorgens, J. W.	12.00	Kueny, Frank A.	126.50
Jotter, E. V.	378.24	Kümmel, Julius F.	430.13
Joy, F. E.	73.55	Kupfer, Carl A.	540.88
Joyner, Guy E.	1.35	Lafferty, J. B.	606.69
Judd, C. S.	329.29	Laing, David.	212.17
Judd, D. K.	308.13	Lamb, Earl	144.10
Justice, Sterling R.	6.30	Lamb, George N.	179.39
Kandel, J. B.	5.00	Lamm, Leslie	8.10
Kauffman, Harry E.	38.20	Landess, G. J.	27.25
Kaufman, H. S.	290.27	Lane, E. A.	387.48
Kavanagh, E. N.	645.10	Lane, Howard F.	12.00
Keas, Charles H.	51.95	Lang, D. M.	306.05
Keefe, jr., John	17.00	Langille, W. A.	221.60
Keegan, Matthew J.	18.15	Langworthy, Jas. N.	302.38
Keithley, Celsus L.	158.51	Lansing, John B.	11.75
Keller, A. C.	27.00	Lansing, R. W.	2.25
Kelleter, Paul D.	1,240.92	Lantry, V. Gifford, jr.	611.42
Kelley, Evan W.	590.59	La Plant, Joseph C.	109.70
Kellogg, G. H.	207.30	Larsen, Axel E.	25.35
Kellogg, R. S.	713.26	Larsen, L. K.	5.90
Kellogg, Truman O.	3.50	Larson, Alfred P.	13.55
Kelso, William B.	20.00	Larson, J. A.	3.75
Kempfer, Wm. H.	53.97	La Rue, Charles O.	24.65
Kempfer, Wm. H.	32.15	Latane, Wm. C.	219.50
Kendall, W. H.	106.90	Latham, Ella O.	32.55
Kennaday, A. J.	19.02	Lanfeld, Paul.	9.70
Kennedy, Gerald D.	40.95	Law, Frank A., jr.	35.39
Kennedy, J. E.	2.20	Lawrence, Ellery F.	47.20
Kennedy, Louis J.	77.30	Lawson, James F.	206.44
Kennedy, Patrick	682.03	Leavitt, Clyde	543.10
Kent, W. H. B.	968.06	Leavitt, Scott.	109.25
Keplinger, Peter	318.38	Ledford, George R.	28.80
Kerby, David H.	18.45	Lee, Alfred T.	67.90
Kerby, Edw. S.	3.55	Lee, C. W.	98.25
Kerlee, W. A.	3.90	Lee, Lawrence T.	18.25
Kerstetter, O. E.	39.25	Leeman, Lee D.	39.80
Kerr, John	718.60	Leese, J. P.	84.74
Kerns, Le Roy R.	10.25	Leese, Ranger H.	15.35
Ketredge, John C.	4.40	Le Grand, Nelson L.	495.45
Kidd, John K.	457.65	Leopold, Aldo.	167.83
Kiefer, Francis	318.76	Lester, Thos. D.	25.80
Kiermeyer, Isador	33.70	Leve, Walter H.	4.02
Kierstead, John A.	32.15	Lewis, A. W.	73.90
King, Clarence A.	32.77	Lewis, Bert	61.45
King, Milton S.	39.10	Lewis, Charlie	10.85
King, Ralph E.	3.50	Lewis, D. H.	6.90
King, Rex	73.10	Lewis, Henry K.	9.10
Kingsley, Frank L.	57.49	Lewis, Lester J.	7.35
Kinney, David G.	268.40	Lewis, Melvin M.	39.95
Kinney, James H.	317.39	Lewis, Paderson Y.	56.85
Kinn, y, Thomas E.	73.50	Lichtenthaeler, F. E.	11.70
Kirby, Francis Lee	47.55	Liddard, A. H.	13.50
Kircher, Joseph C.	287.90	Liebig, Frank F.	3.70
Kirkland, Burt P.	312.35	Lincoln, Clement L.	10.65
Kirkpatrick, John	21.95	Lindsay, John L.	104.95
Kittams, Samuel A.	73.50	Linseott, Sam S.	53.55
Kleiber, Hans N.	6.45	Linville, Elzie E.	17.50
Klein, O. H.	7.83	Little, Bessie M.	3.15
Kling, L. A. H.	204.02	Little, Romayne C.	11.10
Klingensmith, Oliver C.	70.85	Lockridge, Wm. H.	6.00
Knapp, J. B.	615.21	Logan, R. H.	6.00
Kneipp, Leon F.	460.65	Logan, Velters V.	1.50
Knief, Hugo E.	23.50	Long, E. B.	387.59
Knowles, Archie O.	132.70	Long, Harry H.	58.84
Knowles, Louis	461.48	Longwell, T. B.	464.80

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Looney, Gaines H.	\$76.25	McLaren, John.	\$632.79
Lord, John G.	1.97	McLaughlin, Robert P.	114.75
Lorenzen, L. N.	16.05	McLaughlin, Ursis F.	6.60
Lough, E. H.	6.30	McLean, Forman T.	524.90
Lovejoy, P. S.	868.67	McLeod, Jennings D.	72.98
Lovelace, Byron O.	224.02	McMillan, D. A.	48.30
Loring, Frank E.	54.50	McMillan, Frank C.	16.50
Loving, H. I.	162.23	McMillan, Morton K.	317.67
Lowden, James.	1.70	McMillan, Ross.	229.15
Lowell, James J.	68.80	McMillin, C. E.	8.40
Lowell, John W., jr.	255.55	MacNab, A. T.	11.52
Lucas, L. E.	16.00	McNair, Agnes.	12.80
Luccocks, J. P.	256.00	McNamara, H. A.	32.25
Lyle, David.	6.50	McNamara, J. A.	19.00
Lyon, Allen R.	11.27	McNelly, Jno. C.	358.69
Lyon, Robert G.	9.25	McNilty, Bernard.	39.70
Lyons, Thomas.	10.75	McPherson, Shelton I.	77.74
Lytle, G. W.	113.41	McPheters, Herbert G.	235.32
McAbee, James W.	4.95	McPheters, Wallace.	39.75
McAlister, Charles R.	82.21	McQueen, Alex.	3.05
McAllister, Martin L.	28.60	McVean, M. J.	630.16
McAnally, Knox.	140.45	Mace, Benjamin H.	11.15
MacBeath, D. L.	16.25	Mace, Wm. M.	32.45
McBride, Wilson.	509.05	Mack, Chas. B.	143.65
McCabe, George P.	294.27	Mack, Clarence A.	83.59
McCain, A. C.	517.45	Mack, F. C.	17.50
McCall, Jas. D.	2.60	Maddox, Rufus S.	216.30
McCarthy, Francis P.	4.50	Maelzer, Julius G.	211.85
McCarthy, M. H.	33.25	Mahn, E. H.	154.28
McCarty, Arthur R.	8.75	Mahoney, Bert.	16.55
McClain, J. Fred.	70.10	Mains, Guy B.	539.10
McClain, John J.	47.85	Mainwaring, E. S.	53.20
McClung, Frank.	6.70	Malbone, Claude E.	2.50
McClure, Edmund A.	89.99	Mallery, Willard.	5.30
McConnell, R. C.	24.38	Manwill, John V.	66.75
McCormick, Cecil M.	18.75	Margolin, Louis.	548.80
McCormick, Hayward H.	36.96	Marks, Francis M.	28.25
Melvin, R. McCoy.	17.70	Marlowe, E. A.	49.90
McCoy, Wm.	224.15	Marshall, Charles E.	35.00
McCoy, William H.	51.85	Marshall, G. E.	331.40
McCullough, William A.	5.20	Marshall, Harold A. E.	688.37
McDevitt, Lillian M.	79.80	Marshall, Robert E.	132.78
McDonald, Roderick D.	179.43	Marston, Lea.	34.90
MacDaniels, E. H.	312.51	Martin, Chas. P.	124.50
MacDonald, G. B.	319.05	Martin, D. C.	7.10
Macduff, Nelson F.	500.60	Martin, Ella L.	11.15
McElfresh, O. H.	21.49	Martin, Jordnard.	254.30
McElroy, C. A.	826.77	Martin, Joseph P.	37.00
McEwan, Sherwood S.	31.15	Martin, Merrill C.	103.58
McFadden, Geo. N.	46.25	Martin, Wm. J.	10.70
MacFate, Elizabeth L.	225.70	Marvotti, D. W.	115.30
McGhie, Bert.	10.75	Masiker, A. O.	10.80
McGhie, William M.	159.30	Mason, D. T.	467.05
McGill, David F.	3.80	Mason, H. M., jr.	261.90
McGowan, D. F.	565.03	Mast, Wm. H.	354.47
McGregor, Donald B.	74.43	Mathews, Harry E.	115.16
McGregor, Mrs. Lillian T.	85.55	Mathias, Royal F.	260.85
McGuire, Clifton C.	50.05	Matthews, Dennis.	24.00
McGuire, John W.	26.41	Matthews, Jewett D.	15.15
McGuire, Wm. F.	11.10	Matthews, J. F.	50.36
McInroy, Robt. A.	54.20	Mattoon, W. R.	246.48
McIntosh, John A.	45.77	Mattsson, Bronard E.	92.03
MacKay, Alex. J.	445.24	Mattsson, Carl A.	13.65
MacKay, E. A.	15.90	Matz, Fred A.	4.85
McKay, Duncan L., jr.	337.64	Maule, Wm. M.	405.20
McKee, Elijah R.	26.61	Maxfield, John D.	228.40
McKee, Ernest E.	36.15	Maxwell, Hu.	88.91
McKenzie, Herman E.	45.15	Mell, C. D.	44.05
McKenzie, James M.	28.31	Melone, W. C.	37.75
McKenzie, Thos. P.	490.91	Melzar, E. A.	1,322.65
McKibbin, V. M.	18.40	Mendenhall, Hugh.	37.05
McKinnor, Wm. R.	337.66	Mercer, Thomas L.	4.25
McKnight, Robert W.	74.54	Mero, Healey L.	15.40

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Merrifield, Harry M.....	\$2.55	Munger, Thornton T.....	\$489.88
Merrill, Gerald.....	62.80	Munro, Robert.....	4.45
Merrill, H. G.....	934.68	Munroe, Mrs. Grace.....	16.40
Merrill, O. C.....	813.83	Murch, Clarence H.....	150.85
Merrill, W. A.....	283.09	Murdoch, John, jr.....	368.75
Merritt, Melvin L.....	333.33	Murken, G. M.....	45.02
Merritt, Robt. G.....	125.16	Murphy, Louis S.....	190.55
Metcalf, Vernon.....	53.20	Murray, Martin A.....	3.50
Milbury, U. B.....	146.80	Musgrave, M. E.....	59.75
Miles, L. O.....	9.45	Musick, Walter G.....	78.25
Milham, Geo. W.....	489.17	Myers, D. W.....	23.25
Millar, W. N.....	345.86	Nail, Jas. E.....	14.97
Miller, A. H.....	354.60	Neal, A. M.....	485.39
Miller, Bertha Rose.....	35.10	Neal, Nellie.....	15.99
Miller, Carrie W.....	34.95	Neff, W. C.....	60.00
Miller, Charles N.....	53.24	Nelson, Ed.....	26.73
Miller, Frank G.....	121.70	Nelson, Jesse W.....	1,034.60
Miller, George.....	44.05	Nelson, John M., jr.....	222.84
Miller, G. W.....	67.20	Nelson, Miles D.....	36.46
Miller, Harry E.....	40.35	Nespalit, Wm. C.....	60.35
Miller, John M.....	94.89	Newman, Charles A.....	37.25
Miller, L. C.....	676.39	Newlin, J. A.....	117.47
Miller, Robert E.....	166.20	Nichols, George.....	42.95
Miller, Stephen I.....	28.00	Nichols, W. J.....	345.97
Mills, Harvey H.....	27.35	Nielson, Oluf G.....	153.87
Millsap, Saml.....	6.30	Nilsson, A.....	4.25
Minear, J. E.....	109.05	Noddin, J. T.....	66.50
Miner, Charles A.....	11.40	Noon, Arthur H.....	32.85
Mitchell, A. B.....	34.15	Noonan, E. M.....	19.70
Mitchell, Frank H.....	11.50	Norton, A. J.....	45.20
Mitchell, Glenn E.....	7.10	Norton, Geo. A.....	9.35
Mitchell, J. Alfred.....	515.85	Nottage, F. M., jr.....	26.70
Mitchell, Paul.....	294.28	Nottingham, W. L.....	15.25
Mitchelson, A. T.....	256.20	Nuffer, Harry D.....	3.85
Moak, Robert R.....	177.00	Nugent, Ella M.....	28.05
Moats, Albert L.....	8.25	Nyce, George M.....	52.75
Montgomery, D. C., jr.....	381.60	Oakleaf, H. B.....	627.78
Moody, Arthur E.....	6.80	O'Brien, Howard K.....	958.82
Moon, Howard C.....	26.35	O'Brien, Patrick J.....	96.84
Moore, Barrington.....	361.22	Oden, C. V.....	60.65
Moore, Felix T.....	65.91	Older, Rollo.....	11.80
Moore, F. S.....	17.90	Oldfield, Roy.....	44.50
Moore, R. J.....	60.95	Olesen, Kathryn.....	18.00
Moore, S. A.....	11.00	Oliphant, Jas. A.....	163.00
Moore, S. L.....	477.40	Oliver, Wm. L.....	16.75
Moore, Walter M.....	211.06	Olmsted, F. E.....	818.70
Moorman, Thos. M.....	70.62	Oman, A. E.....	358.40
Morgan, Harry N.....	31.00	Opalka, Frank.....	16.10
Morgan, Lewis T.....	21.50	Orr, J. E.....	6.00
Morgenroth, Christ.....	256.95	Osborn, Wm. B., jr.....	272.12
Morrell, Fred W.....	616.76	Osner, George A.....	6.44
Morrell, Minnie M.....	17.25	O'Toole, Martin J.....	12.20
Morrill, Walter J.....	39.60	Owings, William A.....	26.75
Morris, Albert.....	108.25	Pace, Wilford.....	23.90
Morris, Walter T.....	68.98	Pack, Daniel S.....	285.00
Morris, William W.....	372.83	Pack, W. I.....	370.51
Morrow, John A.....	45.25	Paddock, Wm. S.....	5.70
Morrow, J. O.....	66.32	Page, Marshall Parks.....	45.05
Morse, Alston D.....	38.49	Palmer, Chas. A.....	79.20
Morse, Chester B.....	292.74	Palmer, J. W.....	28.45
Moseley, J. E.....	15.10	Park, C. H.....	430.33
Mosimann, Louis H.....	120.87	Parker, A. A.....	173.67
Moss, A. R.....	24.05	Parker, Hosea T.....	19.40
Moss, Francis.....	10.55	Parker, Geo. V.....	9.50
Moss, Roy.....	12.95	Parker, Rutledge.....	230.95
Moyle, Sydney E.....	39.32	Parker, Thomas H.....	59.95
Muir, Earl G.....	8.95	Parkison, Roscoe.....	2.20
Mulford, Annabelle F.....	111.15	Parnay, Serope Y.....	302.60
Mulford, Walter.....	28.40	Parrett, Fred C.....	49.05
Mullen, James F.....	539.49	Pattan, Adelbert E.....	36.48
Mullison, John N.....	137.85	Patten, Josephine A.....	3.15
Munce, Mrs. Stella W.....	71.40	Patten, Riley.....	25.90
Mundell, Lewis J.....	85.95	Patterson, A. B.....	462.85



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Patterson, Charles F.	\$110.95	Powers, Harry R.	\$41.15
Patterson, Hattie R.	105.90	Poynter, Elza E.	146.35
Patterson, John H.	36.00	Pradt, Geo. K.	44.24
Patterson, Thomas O.	15.65	Pratt, George L.	107.35
Patton, B. S.	20.00	Pratt, M. B.	374.80
Patton, Francis McLeod.	286.20	Pratt, Robert E.	113.85
Patton, James W.	44.65	Preston, John F.	225.10
Paull, Ernest R.	65.15	Prettywood, Peter A.	58.50
Paxton, Percy J.	153.56	Price, Frank.	2.20
Payne, E. D.	4.65	Price, John W.	11.25
Pearce, O. W.	4.20	Price, Norman B.	40.40
Pearson, C. L.	57.95	Price, Overton W.	64.95
Pearson, Gustaf A.	272.60	Prichard, R. F.	81.71
Pearson, John A.	435.55	Prior, Julius D.	25.85
Peary, Geo. W.	372.65	Pritchard, John H.	13.40
Peck, Allen S.	34.95	Pritchard, J. L.	86.99
Peck, Edward H.	140.29	Privat, Bernard.	90.55
Peck, Roy.	69.39	Probus, J. B.	24.95
Peck, George J.	248.49	Protzman, E. M.	29.25
Pelton, James L.	10.70	Pront, Joseph H.	78.65
Peltz, R. L.	31.65	Puckett, Claude A.	8.55
Penley, Frank T.	281.70	Pulaski, Edward C.	71.35
Pennock, Frank W.	14.50	Pullman, R. W.	303.10
Peregoy, H. H.	35.25	Purtymun, G. S.	96.64
Perkins, J. W.	107.79	Purvis, W. M.	18.65
Pernot, J. F.	521.02	Putsch, L. J.	28.40
Perrine, Wallace S.	11.85	Pyle, Lewis R.	104.79
Pestoni, J. B.	164.16	Quiggle, E. B.	269.20
Peters, E. W.	506.35	Rachford, C. E.	318.37
Peters, J. G.	50.80	Rackliff, Thomas S.	58.00
Peters, T. R.	9.25	Radigan, Arthur.	38.85
Petersen, P. C.	21.70	Rak, Charles L.	10.75
Peterson, N. E.	93.67	Ramskill, J. H.	152.90
Petit, F. P.	29.30	Rankin, H. B.	210.51
Post, C. W.	267.45	Ranney, Geo. F.	26.80
Phelan, Lawrence J.	14.65	Rashaal, John.	402.75
Phelan, Nicholas S.	1.60	Ratliff, J. H.	298.59
Phelps, William A.	12.10	Rawson, Alvan L.	26.40
Phillips, Roland.	559.65	Ray, Carl W.	14.42
Phillips, Bert G.	127.60	Ray, T. M.	23.87
Phillips, Frank J.	36.80	Raymond, W. A.	51.60
Phillips, R. A.	9.50	Read, A. D.	333.26
Pierce, Chas. R.	530.75	Read, D. Livingstone.	13.00
Pierce, Frank.	47.42	Record, Samuel J.	1,067.19
Pierce, R. G.	533.18	Recknagel, A. B.	801.42
Pierpont, R. B.	125.30	Redington, Paul G.	730.42
Pierson, Albert H.	248.19	Redlingshafer, H. L.	8.60
Pinchot, Gifford.	226.35	Redstone, Albert E.	5.70
Piper, William B.	142.04	Reed, F. W.	596.50
Pitchlynn, Paul P.	587.23	Reed, George A.	121.75
Pitts, John B.	62.15	Reed, Iro.	17.45
Platten, Fred.	72.40	Reed, Stanley D.	36.25
Plowman, John R.	34.00	Reid, Clement C.	275.13
Plummer, Fred G.	823.45	Reid, John S.	34.95
Plymale, Chas. A.	17.80	Reid, Joseph W.	53.00
Poe, Mark H.	2.80	Reid, Percy.	50.20
Poe, William A.	122.90	Reid, Robt. W.	42.85
Pogge, Ulrich C.	205.10	Reindorp, Cecil R. C.	83.77
Pond, Russell G.	121.85	Reinsch, Henry.	89.83
Poole, Andrew T.	40.10	Renn, Geo. E.	19.75
Poole, Chas. G.	396.46	Reynolds, Dexter B.	388.44
Pooler, Frank C. W.	694.15	Reynolds, Robert V.	146.61
Pooler, Harry H.	82.15	Reynolds, Thomas N.	6.90
Poore, James F.	90.20	Rhinehart, R. F.	41.05
Porcher, Francis P.	169.26	Rhoades, Verne.	117.40
Porter, Gardner I.	30.60	Rhodes, John A.	36.80
Porter, Hyrum A.	19.30	Rice, D. S.	232.48
Porter, J. J.	27.05	Rice, John H.	6.00
Potter, A. F.	1,277.61	Rice, John W.	165.60
Powell, Frank A.	60.85	Rice, Peter S.	126.76
Powell, H. E.	22.75	Richardson, James F.	339.55
Power, W. H.	107.90	Rickey, Fred L.	106.76
		Riddell, Laura G.	655.78

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Riddle, Wallace M.	\$30.00	Schaefer, John.	\$3.98
Rider, W. B.	602.20	Schell, William A.	44.35
Ridings, J. M.	10.75	Schick, Harry C.	263.80
Riis, John.	272.90	Schmehl, Walter T.	82.55
Riley, Smith.	1,131.87	Schmidt, Harry A.	6.70
Ring, Geo. V.	394.50	Schmitz, J. M.	270.50
Ringland, Arthur C.	1,319.41	Schneider, Frank E.	9.10
Roberts, Arthur C.	50.00	Scholefield, Carl B.	86.90
Roberts, J. E.	34.40	Schorger, A. W.	28.75
Robertson, Arthur V.	17.55	Schrader, Walter H.	270.33
Robertson, Erasmus E.	7.90	Schroeder, August A.	104.06
Robertson, Mark M.	38.04	Schurr, John M.	197.27
Robertson, Wayne B.	22.20	Schuttler, John.	28.70
Robins, Bert L.	92.85	Scott, E. L.	30.60
Robinson, Glen.	158.30	Scott, James A.	27.70
Robinson, Jolly B.	30.85	Scott, James E.	24.05
Robinson, Kenneth S.	12.55	Scott, Robert Malcolm.	7.85
Robinson, Thomas E.	5.45	Scoville, Frank C.	50.85
Robinson, Walter C.	31.65	Scribner, Sidney C.	23.20
Roche, A. J.	1.60	Seaborn, Fred.	23.40
Roche, Maria H.	87.65	Seals, Fred J.	45.25
Rockwell, F. I.	281.58	Seaman, F. W.	51.70
Roderus, Wm. C.	47.40	Seaman, J. V.	13.75
Rodgers, E. D.	5.75	Searcy, E. W.	52.47
Rodgers, Robert A.	74.50	Sears, Willard L.	50.90
Rodman, Douglas.	592.80	Seely, J. B.	167.13
Roescheisen, Charles H.	24.40	Seery, Daniel F.	933.05
Rogers, Benton S.	2.75	Seip, Homer E.	106.00
Rogers, Charlie H.	20.90	Seitz, Clyde R.	227.57
Rogers, D. N.	377.21	Selkirk, R. J.	324.90
Rogers, Raymond R.	203.26	Sellon, M. A.	15.15
Rogers, Robert L.	527.85	Senecal, John B.	40.00
Romero, Andrew.	17.85	Servoss, Frank R.	31.90
Rood, Charles M.	1.75	Sethe, Fritz.	7.25
Rose, Hyrum O.	40.85	Settles, R. J.	5.75
Rose, Wm.	196.78	Severe, Geo. H.	12.90
Rosenbluth, R.	38.15	Sevier, Willard L.	38.90
Rosemond, A.	3.40	Shaner, Osmer W.	98.41
Ross, Elmer C.	45.75	Shank, E. E.	8.50
Ross, Homer.	320.25	Shannon, B. I.	10.35
Ross, W. J.	6.75	Shartzler, L. A.	60.36
Rothery, Julian E.	199.46	Shaw, A. C.	768.78
Rothkugel, Max.	685.79	Shaw, Ernest W.	379.09
Roundy, W. A.	31.90	Shaw, Ralph R.	86.25
Rudd, Davis B.	59.40	Shearman, Thos. G.	321.00
Ruff, Clarence.	41.81	Shelley, Benjamin F.	60.70
Rumsey, Chas. B.	121.65	Shelley, Harry W.	7.45
Rupp, Harry K.	114.95	Shelley, Percy T.	52.35
Rush, Frank.	341.83	Shelley, R. S.	177.00
Rushing, W. J.	525.92	Sherfese, W. F.	393.35
Russell, John F.	82.20	Sheridan, Lillian.	10.40
Russell, C. L.	15.15	Sheriff, Ralph E.	105.50
Russell, Frederick R.	52.65	Sherman, E. A.	560.46
Ruth, T. B.	120.37	Sherrard, Thos. H.	186.48
Rutledge, R. H.	271.65	Sherwin, Frank R., jr.	110.70
Ryan, Elizabeth.	32.25	Shields, Julius M.	57.70
Ryan, Jas. M.	330.75	Shields, Richard F.	14.00
Ryan, Josephus.	42.30	Shillingford, C. E.	47.25
Ryan, William A.	40.50	Shinn, Charles H.	533.19
Ryder, Frank J.	342.88	Shockley, Hepler R.	119.10
St. Clair, Robert C.	47.05	Shoemaker, Theodore.	70.70
Sackett, H. S.	496.94	Shoemaker, Theodore, jr.	639.54
Saint, Benjamin F.	5.45	Shook, Charles T.	28.32
Salisbury, Earl A.	15.85	Short, P. O.	10.35
Sampson, Arthur W.	519.10	Shults, Jas. G.	23.08
Santmyer, S. J.	11.95	Shurtz, Ambrose.	3.00
Sartor, Marvin H.	116.00	Shy, James D.	26.10
Sanders, Aretas A.	162.90	Siders, John T.	27.30
Sawyer, George E.	115.53	Sidwell, Wilson.	6.50
Say, Arthur P.	19.95	Sieberttritt, George.	10.50
Sayer, Frank H.	7.00	Siecke, E. O.	390.08
Sayles, William.	3.90	Silcox, F. A.	418.85
Scarlett, Fred A.	3.00	Silva, Abbott B.	1.75
Scarlett, Robert.	65.20	Simerville, J. J.	5.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Simmons, Clyde B.....	\$112.28	Stahlnecker, P. S.....	\$547.45
Simmons, J. A.....	70.95	Staley, W. F.....	712.34
Simmons, John B.....	34.71	Stanchfield, Jas. G.....	46.06
Simmons, Robert.....	149.42	Stanley, Arthur L.....	34.80
Simmons, Roger E.....	454.35	Stark, J. M.....	19.00
Simpson, Alva A.....	6.30	Stark, Wm. L.....	10.75
Sinclair, George W.....	16.70	Starr, Edward B.....	191.61
Sivertson, J. S.....	72.24	Starr, Frederick R.....	525.80
Slzer, James H.....	2.75	Steele, Foster.....	328.74
Skeels, Dorr.....	430.35	Steele, H. R.....	17.25
Sloan, T. W.....	30.45	Steele, James W.....	24.60
Slosson, Willis M.....	1,522.99	Steele, Lemuel, jr.....	19.80
Smelser, Homer E.....	39.36	Steele, Raymond G.....	36.70
Smethurst, Archie R.....	62.70	Steenerson, Hale.....	4.00
Smith, A. M.....	288.82	Steinemann, Luetta C.....	8.25
Smith, Andrew R.....	1.90	Stell, William.....	4.00
Smith, Clinton G.....	368.22	Stephens, John E.....	375.46
Smith, C. L.....	303.60	Stephens, J. Ray.....	49.10
Smith, C. Stowell.....	599.48	Stephenson, Albert E.....	100.35
Smith, Edgar W.....	32.30	Stephenson, Elmer E.....	197.91
Smith, Elias H.....	54.00	Stephenson, James B.....	35.95
Smith, Foster G.....	188.15	Sterrett, W. D.....	144.03
Smith, Franklin H.....	399.15	Stevenson, Geo. C.....	28.80
Smith, Frank T.....	12.75	Stevenson, John A.....	5.25
Smith, G. C.....	32.00	Steward, Luther.....	12.39
Smith, George W.....	11.75	Stewart, Herbert C.....	259.66
Smith, Glen A.....	288.60	Stewart, Sidney S.....	208.65
Smith, G. Leroy.....	63.65	Stewart, John.....	115.99
Smith, Guy P.....	4.60	Stewart, Thos. R.....	154.22
Smith, Herbert A.....	335.22	Stickney, Mallory N.....	335.58
Smith, John R.....	15.80	Stock, Edwin E.....	13.80
Smith, L. L.....	1,100.85	Stockbridge, Arthur J.....	91.04
Smith, Luin E.....	71.75	Stockbridge, Carl.....	52.45
Smith, R. E.....	286.82	Stockdale, Lewis C.....	82.97
Smith, Richard L.....	83.60	Stockton, Winifred L.....	96.00
Smith, Roy.....	28.45	Stockwell, Andrew G.....	55.95
Smith, Seward D.....	71.75	Stoddard, Samuel W.....	24.65
Smith, Stanton G.....	683.71	Stone, Eugene M.....	63.14
Smith, Truman A.....	27.00	Stone, Wilmer T.....	36.89
Smith, Virgil D.....	13.15	Stoner, Lester J.....	26.80
Smith, W. F.....	81.90	Strait, W. T.....	32.40
Smith, Wm. W.....	27.50	Strawn, Alfred L.....	33.33
Smurr, Glenn L.....	8.05	Strawn, Glenn.....	10.00
Snell, E. L.....	57.45	Streit, J. W.....	34.25
Snell, N. E.....	247.11	Stretch, R. A.....	346.99
Snelling, Roy.....	12.00	Strong, Fred W.....	15.60
Snodgrass, Perry L.....	98.24	Stroup, Andrew L.....	342.69
Snow, Ellis B.....	22.35	Stuart, R. Y.....	418.55
Snow, Orrin C.....	267.62	Stuart, Wm. A.....	226.55
Snyder, Allen.....	74.25	Studley Horace F.....	312.25
Snyder, Arthur.....	57.81	Sudworth, Geo. B.....	751.75
Snyder, Simon.....	64.40	Sullens, J. Milton.....	214.80
Sobey, F. P.....	38.25	Sullivan, Charles J.....	113.85
Sobey, R. T.....	69.39	Sullivan, Don S.....	67.05
Sommers, C. A.....	129.46	Sullivan, John F.....	549.85
South, Dock F.....	15.00	Surface, H. Earl.....	184.78
South, Perry A.....	114.50	Suter, Albert.....	209.88
Spackman, Charles A.....	47.13	Sutermeister, Edwin.....	17.70
Sparhawk, Frank O.....	14.50	Sutton, Earle P.....	29.30
Spaulding, Thos. C.....	294.32	Swain, Jos.....	2.85
Spence, Gilbert J.....	19.72	Swan, O. T.....	519.53
Spencer, Frank C.....	192.96	Swan, Wm.....	18.90
Spencer, Henry L.....	230.81	Swearengin, Schuyler C.....	23.50
Spencer, J. W.....	23.20	Sweat, William C.....	11.95
Spencer, Mayme Alice.....	32.35	Sweitzer, Albert L.....	481.88
Squire, C. H.....	184.85	Swenning, Samuel S.....	178.68
Squire, G. E.....	149.53	Swenson, O. F.....	75.00
Squires, John F.....	93.10	Swift, Theodore T.....	481.25
Stabler, H. O.....	709.63	Swim, C. B.....	199.12
Stahl, Arthur F.....	16.10	Switzer, B. W.....	27.00
Stahl, E. G.....	166.30	Sylvester, A. H.....	2,976.43
Stahl, C. J.....	591.08	Sypher, A. W.....	11.65
Stahman, Fred W.....	7.70	Taft, Chas. W.....	30.65



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Talbot, Parker.....	\$58.85	Tully, E. F.....	\$24.55
Talbot, Thomas M.....	215.85	Tungate, Ira.....	9.90
Tanner, Earl B.....	53.25	Turner, Elbert E.....	70.48
Tanner, Russell V.....	2.00	Turner, Harry C.....	783.91
Taylor, Angus H.....	48.10	Twitty, E. M.....	7.75
Taylor, Charles.....	20.65	Tyler, H. C.....	27.00
Taylor, Charles R.....	76.10	Tyler, Raymond.....	369.92
Taylor, Ed.....	198.40	Underwood, Clarence.....	3.80
Taylor, Jasper T.....	50.75	Urbanowicz, J. A.....	348.56
Taylor, Jay L. B.....	118.13	Van Dyk, G. M.....	421.55
Taylor, Pearl A.....	63.25	Vandevier, John C.....	3.25
Taylor, Ralph.....	137.77	Varela, A. G.....	341.45
Taylor, Reese W.....	219.90	Varney, E. L.....	81.10
Taylor, Smith L.....	87.92	Vaughan, Ben F.....	66.58
Teesdale, Clyde H.....	120.48	Vealey, Charles E.....	58.70
Tegethoff, Veronica.....	20.10	Veitch, Frances A.....	33.73
Terry, Elwood I.....	187.75	Venemann, T. W.....	19.30
Terry, G. A.....	47.28	Vermillion, Will L.....	10.00
Thackara, John E.....	15.65	Verner, Thos.....	47.85
Thackwell, H. Lawrence.....	24.70	Viles, George A.....	81.76
Thayer, Archie N.....	17.65	Viles, H. C.....	52.80
Thayer, Paul C.....	14.95	Vinal, Leslie F.....	74.76
Thayer, Wm. H.....	5.55	Vinton, Alva J.....	11.35
Thelen, Rolf.....	97.92	Von Bayer, W. H.....	229.10
Thenon, Edward.....	24.60	Vote, H. E.....	53.12
Theurer, David O.....	164.25	Wara, J. William.....	25.40
Thiel, Ferdinand H.....	28.75	Wagner, A. C.....	61.75
Thomas, Bradley M.....	243.70	Wagner, Chester S.....	2.75
Thomas, Frederick F., jr.....	40.95	Wagner, Frank A.....	13.09
Thomas, Leon E.....	60.80	Waha, Alpheus O.....	388.36
Thomas, Walter M.....	2.80	Waha, Howard B.....	637.03
Thomas, W. L.....	29.35	Wait, J. M.....	45.36
Thompson, B. F.....	18.55	Walker, R. W.....	11.30
Thompson, Chas. C.....	12.75	Walkup, Roy L.....	8.30
Thompson, Claude.....	16.80	Wallace, M. L.....	63.00
Thompson, F. C.....	319.99	Wallis, Francis.....	56.35
Thompson, Fred J.....	16.10	Walsh, James J.....	11.90
Thompson, Geo. C.....	243.95	Walter, Paul.....	65.05
Thompson, P. J.....	5.80	Walton, Aaron H.....	4.50
Thompson, Ralph W.....	35.00	Ward, Carl E.....	8.30
Thompson, R. H.....	174.90	Warner, J. D.....	87.05
Thompson, Thos.....	8.50	Warren, Kate D.....	33.55
Thompson, Wm. H.....	314.25	Waterbury, Claude W.....	128.80
Thomson, F. S.....	72.75	Waters, Maguerite T.....	115.30
Thorne, Arthur.....	48.05	Watkins, Thomas J.....	34.60
Thorne, William F.....	22.75	Watson, Robert J.....	8.85
Thorpe, Chas. L.....	63.50	Watson, Russell.....	14.60
Thraves, Earl.....	15.45	Weatherford, Mark V.....	8.85
Thurston, H. W.....	198.20	Weaver, Ermina E.....	17.35
Tibbetts, Sewell S.....	90.50	Webb, Robt. E. L.....	27.55
Tibbott, Fred M.....	73.35	Webber, Henry B.....	20.40
Tidwell, R. H.....	8.75	Weber, Fred.....	13.75
Tiemann, Harry D.....	164.84	Weber, Henry G.....	107.80
Tillotson, C. R.....	234.99	Weber, Peter.....	4.05
Tillotson, M. R.....	266.85	Webster, Percival W.....	25.45
Tipton, L. E.....	71.25	Weholt, Adolph.....	67.90
Tobias, Ross S.....	49.55	Weidner, Edward J.....	4.50
Toler, John Y.....	23.25	Weigle, W. G.....	386.02
Tompkins, Frank.....	187.65	Weiss, Howard F.....	456.50
Tompkins, H. J.....	102.15	Wells, Arthur J.....	3.50
Torstensen, N. O.....	408.30	Wells, D. F.....	9.00
Townsend, Price.....	37.70	Wells, J. C.....	247.78
Tracy, W. W.....	10.00	Wells, Philip P.....	398.15
Travis, Frank A.....	46.00	Wells, Thomas F.....	328.95
Treadway, B. O.....	2.25	Welton, Earl V.....	65.50
Treen, Lewis A., jr.....	79.39	Werning, Neil.....	33.20
Tremewan, C. S.....	384.90	Wernstedt, L.....	94.00
Tremewan, Will H.....	278.80	Wessel, Louis.....	82.50
Trenary, G. W.....	14.10	West, Charles.....	54.70
Trickle, Jesse L.....	65.64	West, G. H.....	113.25
Trowbridge, Geo. E.....	547.22	West, Thos. C.....	326.19
Tucker, H. L.....	10.35	Westfall, James F.....	35.00
Tuft, Albert H.....	24.65	Westover, Percy R.....	9.20

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Forest Service, 1910, \$3,986,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Wethern, Ernest.....	\$40.05	Winn, Frederic.....	\$257.06
Weyls, Harry.....	10.75	Winn, James T.....	3.75
Wharton, Georgia E.....	83.75	Winnington, Jack R.....	19.65
Wheatley, John C.....	20.85	Winslow, Carlie P.....	208.06
Wheatley, Wm. O.....	16.70	Winter, Wm.....	300.85
Wheeler, Bleecker L.....	733.93	Wise, May.....	63.00
Wheeler, Eugene W.....	106.55	Wittrock, John H.....	8.05
Wheeler, H. N.....	355.35	Wixom, Arthur H.....	28.75
Whitcomb, Roselle A.....	11.30	Woessner, Raymond L.....	6.45
White, Charles C.....	145.35	Wohlenberg, E. T. F.....	16.25
White, Cornealious E.....	9.88	Wolcott, Leo F.....	26.10
White, Edgar F.....	7.53	Wold, Oscar M.....	200.40
White, L. L.....	447.40	Wolf, Jesse E.....	6.30
White, Martin E.....	4.00	Wolf, A. D., Jr.....	59.75
White, Wilfred W.....	195.72	Wolf, Meyer H.....	194.00
Whitehead, G. A.....	132.20	Wood, Clara Mitchell.....	1.50
Whitney, Charles A.....	297.55	Wood, Walter A.....	13.60
Whitney, Chester N.....	209.00	Woodburn, Robert C.....	3.75
Whitney, Horace G.....	107.65	Woodbury, Angus M.....	14.05
Whitten, Wm. E.....	27.95	Woodbury, T. D.....	805.24
Whittenn, Chas. E.....	52.50	Woods, Clarence N.....	335.56
Whittleton, R. R.....	76.55	Woodward, Karl W.....	148.00
Widman, Geo. C.....	14.14	Wools, Lula T.....	37.80
Wiehe, William.....	423.05	Woolley, Herbert E.....	493.58
Wigal, E. J.....	18.25	Woolsey, Joseph H.....	64.10
Wigley, F. R.....	45.25	Woolsey, T. S., Jr.....	552.20
Wight, John B.....	8.66	Woolstenhulme, John H.....	8.30
Wilber, C. P.....	332.81	Wooten, Charles H.....	26.25
Wilcox, Arthur R.....	193.42	Wooten, William E.....	28.25
Wilcox, Chester H.....	159.20	Wrenstedt, Peter T.....	21.05
Wilcox, N. A.....	38.02	Wright, Adam H.....	267.69
Wiley, Clarence.....	282.99	Wright, Abner T.....	261.91
Wilhite, C. O.....	110.63	Wright, Anderson T.....	51.85
Wilkerson, N. E.....	36.95	Wright, Hiram K.....	60.76
Will, William F.....	220.02	Wright, Silas Howard.....	36.35
Willey, W. B.....	836.48	Wuif, J. Victor.....	120.40
Williams, Allan.....	5.75	Wyatt, Roscoe D.....	47.65
Williams, D. H.....	64.55	Wyckoff, Josiah M.....	53.26
Williams, David L.....	53.30	Wynman, C. K.....	336.50
Williams, Eugene.....	700.80	Wynne, Athol A.....	881.32
Williams, Hal R.....	29.57	Yarger, Mayme.....	56.41
Williams, Jason P.....	15.58	Yarnall, Silas W.....	21.50
Williams, P. M.....	120.95	Yates, Nellie.....	33.20
Williamson, A. W.....	598.32	Yates, Ora E.....	11.05
Williamson, Laura E.....	21.75	Yeaman, Geo. W.....	36.00
Williamson, L. D.....	28.70	Yerkes, H. B.....	84.10
Willis, C. P.....	266.41	York, C. Roy.....	5.25
Willson, Roscoe G.....	378.83	Yorke, Geo. R.....	46.25
Wilson, C. H.....	8.85	Young, Carl H.....	121.51
Wilson, Emery E.....	38.65	Young, Earl B.....	33.05
Wilson, Eugenia G.....	28.60	Young, Earle N.....	861.79
Wilson, Frank A.....	4.50	Young, Richard W.....	18.15
Wilson, Harmon.....	13.00	Young, Winthrop H.....	12.00
Wilson, Henry.....	36.25	Zachau, Arthur H.....	294.85
Wilson, Sinclair A.....	86.29	Zappone, C. R., jr.....	127.05
Wilson, W. I.....	90.35	Ziegler, E. A.....	88.50
Wilson, Wm. W.....	64.90	Zimmerman, C. W.....	6.80
Wimmer, O. M.....	134.65	Zinsmeister, Grace.....	29.30
Winbray, Dave.....	126.13	Zon, Raphael.....	569.24
Wingate, Gabriel.....	180.40		
Winkenwerder, Hugo A.....	106.92		
Winker, Ernest.....	170.50		
		Total.....	333,730.45

Total amount of appropriation..... \$3,986,000.00

Total expenditures under above groups to Aug. 31, 1910..... \$3,875,500.71

Advances to temporary special disbursing agents:

Barton, J. E.....	\$2,294.11
Bigelow, R. P. L.....	2,482.45
Bunker, Page S.....	30.00
Bushnell, Dwight.....	317.05
Charlton, R. H.....	118.09
Froume, R. L.....	3,903.07

## Advances to temporary special disbursing agents—Continued.

Hafley, F. H.	\$879.02		
Ingram, Guy M.	122.00		
Ireland, Henry	807.60		
Langille, W. A.	19,489.66		
Mast, W. H.	361.96		
Millar, W. N.	6,264.24		
Pooler, F. C. W.	1,323.10		
Seitz, Clyde R.	599.61		
Sherrard, Thos. H.	239.75		
Slosson, W. M.	1,005.29		
Thurston, H. W.	90.00		
Weigle, W. G.	1,788.42	\$42,115.42	\$3,917,616.13
Unexpended balance.			68,383.87
Repayment to credit of appropriation			13,946.30
Net unexpended balance on Aug. 31, 1910.			82,330.17

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Improvement of the national forests, 1910, \$600,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Herring, W. E.	District engineer, at \$2,400.	\$1,200.00	\$340.71
Kramer, Edwin W.	Construction engineer, at \$1,800.	1,797.22	309.35
Martin, Joseph P.	do.	900.00	401.92
Mesward, R. E.	do.	375.00	161.18
Mitchelson, A. T.	Construction engineer, at \$1,800 and \$1,900.	1,850.00	641.80
Nespiatal, Wm. C. F.	Construction engineer, at \$1,400.	874.99	596.11
Jones, Edgar H.	Construction civil engineer, at \$1,500.	316.67	203.15
Hugel, Nile.	Construction civil engineer, at \$1,400, \$1,600, and \$6 per diem.	1,266.66	863.40
Darling, Elbert H.	Superintendent telephone construction, at \$1,500.	1,479.17	1,175.80
Day, Thos. L.	do.	1,500.00	634.63
Leslie, Edwin E.	Telephone lineman and repairman, at \$900.	102.50	76.15
Jensen, A. W.	Forest supervisor, at \$1,900.	10.55	
McGhie, William M.	Deputy forest supervisor, at \$1,400.	11.67	
Campbell, Walter M.	do.	70.01	1.00
Crabb, E. H.	Deputy forest supervisor, at \$1,300.	10.83	75.09
Bonner, Vernon L.	Deputy forest supervisor, at \$1,200.	26.67	6.00
Chappell, Sidney A.	Deputy forest supervisor, at \$1,100.	42.78	165.82
Johnson, Lewis E.	Lumberman, at \$1,500.	25.00	
Le Grand, Nelson L.	Scaler, at \$1,400.	19.44	
Humphrey, Joseph W.	Forest ranger, at \$1,200.	53.34	
Kircher, Joseph C.	Forest assistant, at \$1,000.	5.56	
Latane, W. C.	do.	13.89	
Martin, James E.	do.	13.89	
Martin, Drayton C.	Forest ranger, at \$1,400.	276.11	30.75
Wilkerson, N. E.	do.	31.11	
Wrensted, P. T.	do.	46.67	
Ashlock, N. S.	Forest ranger, at \$1,300 and \$1,400.	39.71	
Bach, Jas. F.	Forest ranger, at \$1,300.	36.11	
Bartlett, A. W.	do.	28.89	
Benedict, Lewis.	do.	7.22	
Parley, Christiansen.	do.	36.11	
Tenton, Patrick A.	do.	83.06	
Kaufman, H. S.	do.	72.21	
Marvott, Dana W.	do.	32.50	
Phelps, William A.	do.	3.61	
Ruth, T. B.	do.	46.94	
Snodgrass, P. L.	do.	32.50	
Sullens, J. M.	do.	14.44	48.37
Hall, Henry C.	Forest ranger, at \$1,200 and \$1,300.	6.66	
Joy, F. E.	do.	3.33	
Strawn, A. L.	do.	113.34	37.05
Watkins, T. J.	do.	23.33	
Anderson, Joseph F.	Forest ranger, at \$1,200.	46.67	
Bald, Geo. A.	do.	199.99	
Bradner, George.	do.	73.33	
Brockbank, John P.	do.	26.67	
Carpenter, Grant.	do.	59.17	
Castle, H. L.	do.	10.00	40.25
Fay, H. B.	do.	3.33	8.90
Hardy, A. A.	do.	30.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Heavey, E. H.	Forest ranger, at \$1,200.	\$53.33	
Heilman, B. C.	do.	3.33	
Hettinger, August.	do.	43.34	\$2.00
Hilton, F. P.	do.	33.33	
Jacques, T. E.	do.	90.00	11.60
Klein, Oswald H.	do.	13.33	20.50
Leese, Jas. P.	do.	3.33	
Liben, John B.	do.	73.33	
Lyon, Robt. G.	do.	80.00	
McCoy, William H.	do.	6.67	
McMullin, C. E.	do.	12.50	
Mattsson, Bernard E.	do.	36.67	
Musick, W. G.	do.	19.73	
Oden, C. V.	do.	13.33	
Plowman, J. R.	do.	3.33	
Reyes, Jacinto D.	do.	126.67	
Reynold, A. O.	do.	10.00	
Rose, H. O.	do.	16.67	
Rudd, D. B.	do.	26.67	
Simmons, J. A.	do.	13.33	6.43
Snyder, Arthur.	do.	16.67	
Stewart, John.	do.	176.66	
Stevens, Horace H.	do.	3.33	
Stoddard, Carl.	do.	80.00	
Sungate, Ira.	do.	6.67	
Sobey, Robt. T.	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	30.00	
Benham, Henry L.	Forest ranger, at \$1,100.	82.78	
Bonebrake, G. A.	do.	36.67	
Crow, G. H.	do.	30.56	
Payne, Ernest D.	do.	116.11	4.60
Turner, H. C.	do.	6.11	4.50
Webber, H. B.	do.	33.61	
Ingram, C. J.	Forest ranger, at \$900.	15.00	
Accord, Thomas.	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	3.33	
Black, Edwin.	do.	3.33	
Emery, O. A.	Deputy forest ranger, at \$1,100 and \$1,200.	45.84	9.50
Stockwell, A. G.	do.	70.00	7.50
Wagner, F. H.	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	51.93	
Yarnall, S. W.	do.	22.22	9.30
Alverson, J. S.	Deputy forest ranger, at \$1,100.	9.17	
Bailey, James D.	do.	123.88	42.60
Barnard, John.	do.	18.34	
Barstow, Glidden J.	do.	39.72	10.00
Benson, John C.	do.	18.33	
Bosse, Wm. L.	do.	6.11	
Chamberlin, George W.	do.	24.45	
Christiansen, Jos. N.	do.	42.78	
Clay, S. H.	do.	27.50	
Clyde, John D.	do.	21.39	
Conley, Wm. O.	do.	70.28	13.80
Cooke, Joseph E.	do.	3.06	
De la Riva, A. G.	do.	134.45	
Dinsmore, T. T.	do.	58.06	
Ferguson, John A.	do.	15.28	
Fisher, Jerry J.	do.	68.60	
Forsythe, R. G. H.	do.	339.16	
Gage, Chas. P.	do.	30.55	
Gray, W. W.	do.	70.28	
Hoffman, A. H.	Deputy forest ranger and assistant forest ranger, at \$1,100.	12.22	
Hurt, Abel Z.	Deputy forest ranger, at \$1,100.	27.50	
Kiermeyer, Isadore.	do.	12.22	
Layton, Andrew F.	do.	15.28	
McClain, J. Fred.	do.	6.11	
McNamara, Hubert A.	do.	30.56	
McPherson, Shelton I.	do.	250.55	
Martin, A. D.	do.	296.39	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Improvement of the national forests, 1910, \$600,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Miller, Robt. H.	Deputy forest ranger, at \$1,100.	\$177.23	
Moody, Jos. M.	do.	30.56	
Peterson, Lehi, jr.	do.	13.75	
Platten, Fred.	do.	16.11	
Reyes, Gerard V.	do.	73.33	
Riggs, B. L.	do.	9.17	
Robertson, A. V.	do.	42.78	
Sandercreek, B. F.	do.	9.17	
Shields, John.	Deputy forest ranger and assistant forest ranger, at \$1,100.	9.16	
Smith, E. W.	do.	73.33	
Smith, F. G.	Deputy forest ranger, at \$1,100.	97.78	\$26.00
Smith, T. O.	Deputy forest ranger and assistant forest ranger, at \$1,100.	15.28	
Smith, Wm. Willis.	Deputy forest ranger, at \$1,100.	18.34	
Snow, Ellis B.	do.	39.72	
Stone, E. M.	Deputy forest ranger and assistant forest ranger, at \$1,100.	18.34	
Thompson, Claude.	Deputy forest ranger, at \$1,100.	21.66	
Thompson, Charles C.	do.	18.33	
Tuft, Albert H.	do.	113.61	
Wheatley, J. C.	do.	15.28	
Williamson, Lorenzo D.	do.	27.50	
Woolstenhulme, T. E.	do.	221.94	
Morrow, James O.	Deputy forest ranger, at \$1,000; and forest ranger, at \$1,200.	16.67	4.80
Allen, Geo. H.	Deputy forest ranger, at \$1,000 and \$1,100.	73.33	
Allen, J. H. B.	do.	48.89	
Anderson, C. H.	Deputy forest ranger, at \$1,000; and assistant forest ranger, at \$1,100.	70.28	
Anderson, L. H.	do.	79.44	
Barton, W. S.	do.	62.37	
Blundell, Ira W.	do.	14.73	
Brown, Clarence A.	Deputy forest ranger, at \$1,000 and \$1,100.	8.33	
Clark, Robt. E.	Deputy forest ranger, at \$1,000; and assistant forest ranger, at \$1,100.	79.45	
Eekis, Daniel O.	do.	150.55	
Emerick, W. L.	do.	64.17	
Frick, C. H.	do.	73.33	1.20
Hughes, John R.	do.	47.22	
Hunt, Harry H.	do.	94.72	
Johnson, Eugene L.	do.	106.94	
McCreery, L. N.	do.	94.02	
Peterson, P. G.	do.	53.05	
Rollinson, J. K.	do.	18.33	24.84
Seaman, James V.	do.	64.17	
Shelley, B. F.	do.	13.89	
Sloan, Thos. W.	do.	61.11	
Sommers, C. A.	do.	27.50	
Stanchfield, Jas. G.	do.	100.84	
Widman, Geo. C.	do.	11.11	
York, C. Roy.	do.	9.17	
Bannister, L. O.	Deputy forest ranger, at \$1,000.	50.00	
Beard, John D. F.	do.	40.84	
Benedict, Maurice A.	do.	36.11	47.61
Brown, Jas. A.	do.	33.33	
Brown, William J.	do.	88.89	
Campbell, William A.	do.	147.23	
Cayot, Frank Benj.	do.	31.40	53.95
Chandler, O.	do.	83.33	
Clifton, S. B.	do.	63.89	
Croxford, Harry	do.	30.56	
Davidson, Z. T.	do.	175.00	
Graham, Fred.	do.	64.44	
Harte, Frank E.	do.	83.33	
Hollister, Geo. C.	do.	111.11	
Jorgens, John W.	do.	105.55	
Keller, Alley C.	do.	108.34	
Larsen, Axel E.	do.	324.98	1.40
Marshall, Charles E.	do.	38.89	18.09

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Martin, William C.	Deputy forest ranger, at \$1,000.	\$103.33	
Meyer, Arthur R.	do.	27.78	
Pattan, Adelbert E.	do.	59.16	\$5.60
Poore, James F.	do.	13.89	6.50
Porter, Gardner I.	do.	70.29	
Pratt, George L.	do.	25.00	
Reed, George A.	do.	35.28	
Sawyer, George E.	do.	166.66	
Scott, James A.	do.	8.90	3.00
Sevier, Willard L.	do.	26.39	
Smith, Franklin H.	do.	45.28	
Smith, John R.	do.	349.98	
Smith, L. L.	do.	13.89	
Smith, Wm. A.	do.	91.67	
Switzer, B. W.	do.	55.56	
Theurer, David O.	do.	128.06	13.20
Thomas, William L.	do.	11.12	
Thompson, Robert.	do.	17.78	
Brotherton, Geo. W.	Assistant forest ranger, at \$1,300.	14.44	
Mathews, J. F.	Assistant forest ranger, at \$1,200.	303.33	68.07
Steele, Raymond G.	do.	16.67	13.95
Bailey, D. B.	Assistant forest ranger, at \$1,100 and \$1,200.	113.05	
Clark Jay C.	Assistant forest ranger, at \$1,100; and forest ranger, at \$1,200.	88.61	
Ackley, S. D.	Assistant forest ranger, at \$1,100.	6.11	
Adair, Wallace.	do.	9.17	3.40
Ashurst, W. R.	do.	30.56	
Ayres, F. O.	do.	48.61	
Baker, W. L.	do.	36.67	
Barker, E. S.	do.	91.66	6.00
Beach, C. T.	do.	73.33	3.50
Blatchford, R. S.	do.	13.75	
Bruton, Jas. J.	do.	3.06	
Burke, Robt. E.	do.	45.84	
Byrne, Cy.	do.	36.11	
Campbell, C. P.	do.	15.28	
Carron, L. E.	do.	20.83	
Chase, Fred H.	do.	33.06	
Clabby, Robt. E.	do.	57.78	
Clark, E. B.	do.	33.61	.55
Cook, Jas. T.	do.	45.83	
Costello, Revis.	do.	12.22	
Criswell, W. H.	do.	9.17	
Cross, B. H.	do.	6.11	5.10
Dahlgren, C. A.	do.	38.89	2.00
Davis, D. L.	do.	46.94	
Davison, E. B.	do.	3.06	
Delbridge, C. B.	do.	45.83	
Eaton, H. O.	do.	18.34	
Exon, Guy S.	do.	30.56	
Flake, Osmer D.	do.	48.89	
Gallooly, J. W.	do.	99.44	
Garner, Samuel J.	do.	21.40	3.25
Gillie, G. E.	do.	51.95	
Gorlon, G. J.	do.	24.44	
Hartman, F.	do.	58.05	
Henderson, J. L.	do.	3.06	
Henderson, Sebird.	do.	30.56	
Hickman, J. H.	do.	116.11	
Holt, L. T.	do.	30.56	
Hurst, C. H.	do.	134.45	
Ivey, Albert R.	do.	42.78	
Jackson, C. W.	do.	3.06	
Jones, Jos. J.	do.	9.17	
Jones, W. J.	do.	73.34	
Keas, Chas. H.	do.	65.00	5.00
Lanfield, Paul.	do.	119.18	14.10
McLeod, J. D.	do.	6.11	
McQueen, Alex.	do.	50.42	
Milbury, W. B.	do.	64.17	1.40
Mills, H. H.	do.	28.61	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mundell, L. J.	Assistant forest ranger, at \$1,100.	\$3.06	
Nyce, Geo. M.	do.	49.17	\$1.60
Phelan, N. S.	do.	25.97	
Purtynum, Geo. S.	do.	45.83	
Putsch, L. J.	do.	9.17	
Pyle, L. R.	do.	45.83	
Reed, Stanley D.	do.	33.61	
Rhinehart, R. F.	do.	15.28	
Robertson, W. B.	do.	39.72	
Rogers, R. R.	do.	36.66	
Ross, E. C.	do.	27.78	
Russell, J. F.	do.	9.17	
Saint, Benj. F.	do.	21.39	
Schroeder, A. A.	do.	27.50	
Stockbridge, A. J.	do.	45.84	1.35
Stockbridge, Carl.	do.	76.67	21.60
Sypher, A. W.	do.	51.95	
Taylor, Ralph.	do.	45.83	
Thorne, Wm. F.	do.	55.00	
Tobias, R. S.	do.	27.50	
Verner, Thos.	do.	4.59	
Warner, Jas. L.	do.	6.11	
Watson, R. J.	do.	119.16	
Wright, Leslie E.	do.	51.94	6.15
Youst, C. H.	do.	42.78	
Boyer, C. J.	Assistant forest ranger, at \$1,000 and \$1,100.	13.89	23.10
Mittler, H. E.	do.	76.39	
Evans, Thomas	Assistant forest ranger, at \$1,000.	23.61	
Macfarlane, Saml. A.	do.	13.89	
Simmons, John B.	do.	5.56	
Allen, J. D.	Assistant forest ranger, at \$900 and \$1,100.	5.00	
Anderson, H. E.	do.	17.50	
Barker, Wm. L.	do.	18.06	
Belknap, Geo. E.	do.	2.50	
Blackburn, W. F.	do.	12.22	
Clayton, James G.	do.	2.50	
Clingan, W. M.	do.	51.95	
Day, Roderick S.	do.	5.00	
Fleischman, Geo.	do.	50.00	
Frame, James	do.	7.50	
Griffin, C. O., jr.	do.	30.55	
Hageman, J. A.	do.	57.50	1.00
Halleck, A. G.	do.	35.00	
Hutchings, G. A.	do.	7.50	
James, J. M. P.	do.	7.50	
Lehman, J. E.	do.	20.00	
Lindt, John J.	do.	36.67	
McElfresh, Oliver H.	do.	24.44	
Mack, C. B.	do.	17.50	
Munsell, G. R.	do.	20.00	
Parkinson, Roscoe	do.	3.06	
Patterson, T. O.	do.	2.50	
Peck, Ray	do.	47.50	1.75
Porcher, F. P.	do.	36.66	.50
Powell, Frank A.	do.	30.56	
Reed, Ivo	do.	33.61	
Robinson, J. B.	do.	204.45	
Shook, Chas. L.	do.	15.28	1.30
Stanley, A. L.	do.	50.00	
Stoner, Lester J.	do.	37.78	
Thurman, T. H.	do.	27.50	
Wimmer, Otis M.	do.	83.89	
Abbott, C. L.	Assistant forest ranger, at \$900.	132.50	
Anderson, H. V.	do.	50.00	
Anderson, John N.	do.	20.00	
Anderson, Wm. J.	do.	2.50	38.25
Armitage, Robert W.	do.	5.00	4.09
Arrison, D. William	do.	102.78	
Averill, Wallace S.	do.	5.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Improvement of the national forests, 1910, \$600,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bagley, Edward C.	Assistant forest ranger, at \$900	\$22.50	\$1.25
Baldwin, James H.	do	28.75	
Barber, Homer J.	do	17.50	
Beard, Robert J.	do	12.50	
Beatty, D. L.	do	17.50	53.00
Beck, J. S.	do	5.00	
Belk, John W.	do	7.50	
Bening, Frank F.	do	45.00	
Berriman, Robert C. M.	do	5.00	
Bettendorff, George.	do	17.23	5.85
Birdsall, A. J.	do	5.00	
Boothe, Delbert W.	do	5.00	
Brewer, Guy.	do	15.00	1.20
Brundige, Lew.	do	17.50	
Bryant, Cyrus L.	do	40.00	
Carter, W. E.	do	47.50	
Clay, Rufus E.	do	57.50	
Coleman, John R.	do	52.78	
Crossby, Thomas.	do	105.28	
Cunningham, H. M.	do	2.50	
Davis, George W.	do	36.97	
Davis, James F.	do	62.50	
Dean, R. A.	do	37.50	
Dennis, Charles S.	do	15.00	
DuBois, Floyd M.	do	60.00	
Feary, Alfred J.	do	2.50	
Fitzhugh, C. H.	do	17.50	1.00
Fitzhugh, E. J.	do	55.00	
Foley, D. F.	do	77.50	
Garner, Will A.	do	50.00	35.20
Gilkey, Sylvester.	do	32.50	
Girdner, Jas. W.	do	7.50	
Hammond, Lorenzo E.	do	38.06	
Hanson, Fred.	do	30.00	4.30
Hayes, George M.	do	42.50	
Herbert, Ernest W.	do	16.25	
Herbert, Thomas M.	do	35.83	
Herrick, Urbain E.	do	101.67	
Hess, Chas. E.	do	10.00	33.90
Hilligoss, Ralph A.	do	2.50	1.50
Hite, James S.	do	10.00	26.20
Holst, John D.	do	30.00	
Honser, O. C.	do	7.50	
Humiston, George E.	do	30.00	
Howard, Lawrence J.	do	12.50	
Jensen, James.	do	23.75	
Kerlee, W. A.	do	65.00	
King, T. Sheridan.	do	5.00	
Low, George P.	do	28.75	
McClain, John J.	do	61.67	
McConnochie, Robert W.	do	47.50	
McGhie, Bert.	do	35.00	
McGuire, William F.	do	138.75	
McIntosh, John A.	do	183.76	
Manring, W. V.	do	65.00	
Manwill, John V.	do	35.00	
Munro, Robt.	do	47.50	
Nail, James E.	do	42.50	68.94
Nelson, Camas.	do	5.00	
Norton, George A.	do	5.00	
Nottingham, W. L.	do	72.50	
Older, R.	do	115.00	2.75
Paull, E. R.	do	65.00	
Peterson, J. A.	do	35.00	
Plymale, C. A.	do	2.50	2.10
Prettywood, Pete.	do	15.00	
Reid, Percy.	do	5.00	
Rhyne, S. J.	do	22.50	
Robins, Bert L.	do	17.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000."—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Romero, Andrew.....	Assistant forest ranger, at \$900.....	\$36.67	\$52.50
Shepherd, Sanford.....	do.....	52.50	
Smith, Guy P.....	do.....	90.00	
South, Dock F.....	do.....	150.00	
Sowell, Lindsay C.....	do.....	17.50	
Sutton, Earle P.....	do.....	42.50	
Taft, C. W.....	do.....	6.11	
Taylor, Smith L.....	do.....	145.00	
Treen, Lewis A., jr.....	do.....	40.00	
Turner, E. E.....	do.....	12.50	17.25
Vance, J. D.....	do.....	90.00	
Van Horn, Frank B.....	do.....	35.00	
Vermillion, Will L.....	do.....	77.50	
Walter, Paul.....	do.....	37.50	
Walton, Aaron H.....	do.....	2.50	
Welton, Earl V.....	do.....	10.00	
Whittman, Chas. E.....	do.....	10.00	
Wixom, A. H.....	do.....	55.00	
Woolstenhulme, John H.....	do.....	30.00	17.95
Wright, Abner T.....	do.....	27.50	
Wright, Anderson T.....	do.....	12.50	.90
Yeaman, Geo.....	do.....	32.50	8.70
Douglas, S. H.....	Forest guard, at \$1,300.....	133.62	
Hardy, L. E.....	Forest guard, at \$1,200.....	73.34	10.00
Cahill, James.....	Forest guard, at \$1,100.....	223.05	
MacGuire, J. N.....	do.....	76.39	
McNulty, Barney.....	do.....	95.56	
Allen, L. P.....	Forest guard and assistant forest ranger, at \$900 and \$1,100.....	52.50	
Leeman, L. D.....	do.....	5.00	
Million, John.....	Forest guard, at \$900 and \$1,100.....	100.00	
Purdy, Geo. W.....	Forest guard and assistant forest ranger, at \$900 and \$1,100.....	12.50	
Ruff, Clarence.....	do.....	30.00	6.00
Tefft, Guy E.....	Forest guard and assistant forest ranger, at \$900 and \$1,000.....	7.50	
Walkup, Roy L.....	Forest guard and assistant forest ranger, at \$900 and \$1,100.....	50.00	
Wheeler, R. A.....	Forest guard, at \$900 and \$1,100.....	51.94	6.15
Adams, John A.....	Forest guard, at \$900.....	75.00	
Allen, A. B.....	do.....	32.50	
Atkins, Ross M.....	do.....	5.00	
Bartrum, C. de F.....	do.....	65.00	
Bell, Carl E.....	do.....	40.00	23.50
Belshaw, Lewis.....	do.....	17.50	
Bockman, Herman.....	do.....	10.00	
Bolton, J. D.....	do.....	107.50	
Bonney, P. S.....	do.....	137.50	
Bradley, M. E.....	do.....	25.29	
Brooks, C. B.....	do.....	117.50	
Brooks, J. D.....	do.....	22.50	
Brower, I. K.....	do.....	32.50	
Brown, E. E.....	do.....	45.00	
Brown, Frank.....	do.....	75.00	
Brown, Marsh.....	do.....	7.50	
Brownell, Leslie M.....	do.....	7.50	
Brubaker, Jesse A.....	do.....	12.50	
Bryan, John L., jr.....	do.....	45.00	6.25
Butler, Charles E.....	do.....	53.33	
Carter, D. R.....	do.....	5.00	
Cheesman, H. R.....	do.....	42.50	
Christie, William.....	do.....	57.50	
Clark, Edward.....	do.....	15.00	
Clark, F. F.....	do.....	65.00	
Clarke, Kay C.....	do.....	17.50	
Clemons, W. D.....	do.....	20.00	
Clifton, Arnold.....	do.....	52.50	
Coe, Charles.....	do.....	22.50	
Cole, Charles C.....	do.....	10.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000."—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cozard, LeRoy V.....	Forest guard, at \$900.....	\$245.00	
Crane Harrison M.....	do.....	42.50	
Cranmer, George E.....	do.....	10.00	
Cummings, Alexander A.....	do.....	20.00	
Cummings, Melvin.....	do.....	32.50	
David, G. Z.....	do.....	72.50	
Dimick, M. S.....	do.....	20.00	
Domino, Raymond.....	do.....	5.00	
Dumas, Mack O.....	do.....	152.50	
Duncan, G. P.....	do.....	52.50	
Edwards, Charles H.....	do.....	32.50	
Egan, Emmet.....	do.....	32.50	
Elliot, Joseph E.....	do.....	7.50	
Ellis, A. W.....	do.....	62.50	
Ellsworth, E. C.....	do.....	85.00	
Eyman, Walter R.....	do.....	37.50	
Fairfax, J. A.....	do.....	45.00	
Farley, J. H.....	do.....	107.50	
Farrington, A. C.....	do.....	62.50	
Farris, Gilbert J.....	do.....	17.50	
Fee, Oliver.....	do.....	27.50	\$14.00
Fields, Ruby C.....	do.....	35.00	
Fischer, William.....	do.....	22.50	
Freeburn, Charles.....	do.....	57.50	
Freudenburg, Charles.....	do.....	52.50	
Frey, Saml. A.....	do.....	30.00	6.21
Freymler, F.....	do.....	62.50	
Galbraith, J. W.....	do.....	5.00	
Gardiner, Wm. R.....	do.....	40.00	
Garrison, A. W.....	do.....	50.00	14.97
Gibbons, William H.....	do.....	20.00	
Gilleland, R. J.....	do.....	25.00	
Gillian, W. F.....	do.....	60.00	
Goeglein, Robt. W.....	do.....	22.50	
Ground, John.....	do.....	45.00	
Gregory, M. A.....	do.....	42.50	
Hand, Ira.....	do.....	62.50	
Handberg, J. G.....	do.....	20.00	
Harding, J. A.....	do.....	27.50	
Harpham, E. E.....	do.....	42.50	
Harris, James.....	do.....	27.50	
Harris, W. L.....	do.....	15.00	
Hart, F. D.....	do.....	2.50	
Hart, R. N.....	do.....	7.50	
Hayes, William.....	do.....	30.00	12.50
Haynes, L. G.....	do.....	195.00	38.31
Hensley, Cyrus F.....	do.....	5.00	
Herring, Chas. S. H.....	do.....	7.50	
Hicks, Guy L.....	do.....	7.50	
Hill, Walter J.....	do.....	183.89	
Hillman, Louis R.....	do.....	92.50	
Hitchcock, John, jr.....	do.....	12.50	
Hofer, Walter.....	do.....	20.00	
Holerman, E. S.....	do.....	130.00	
Hopping, Karl.....	do.....	55.00	
Howland, Geo. L.....	do.....	130.00	14.20
Huck, Henry.....	do.....	145.00	
Hunt, Roy A.....	do.....	335.00	
Hurd, M. G.....	do.....	67.50	6.00
Iles, F. B.....	do.....	17.50	
Jackson, J. W.....	do.....	20.00	
Jarvis, Burton.....	do.....	53.33	64.55
Johnson, Herman M.....	do.....	45.00	
Jones, Robert C.....	do.....	32.50	
Joy, Evan W.....	do.....	5.00	
Keating, Gust.....	do.....	122.50	
Keegan, Matthew.....	do.....	12.50	19.17
Kelley, F. R.....	do.....	82.50	
Kelly, Alfred.....	do.....	80.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kingsley, Frank L.	Forest guard, at \$900	\$92.50	
Klingensmith, Oliver C.	do.	112.50	
Knowles, P.	do.	70.00	
Lampe, Henry J.	do.	30.00	
Landers, G. J.	do.	40.00	
Larson, J. A.	do.	27.50	\$9.50
Leve, Walter H.	do.	5.00	
Lewis, C. L.	do.	47.50	
Linde, John L.	do.	15.00	
Lockridge, William H.	do.	25.00	
Long, Ed.	do.	102.50	
Loveless, Marshall D.	do.	7.50	
Lunsford, William J.	do.	67.50	
McClung, Frank	do.	20.00	
McCormick, Hayward H.	do.	20.00	3.50
McFarland, C. B.	do.	80.00	
McGill, D. F.	do.	20.00	27.09
McGuire, Clifton C.	do.	97.50	
McKay, James A.	do.	7.50	
McLaughlin, N. F.	do.	45.00	
McMillan, D. A.	do.	45.00	6.50
Macnab	do.	2.50	3.50
Monahan, James A.	do.	225.00	
Morrison, E. U.	do.	100.00	
Moses, B. L.	do.	112.50	
Moses, Richard E.	do.	197.50	
Muir, Earl G.	do.	122.50	1.40
Myers, F. A.	do.	7.50	
Nelson, Miles D.	do.	45.00	
Newton, Wm. E.	do.	12.50	
Oldfield, Roy	do.	52.50	
Page, M. P.	do.	70.00	
Perkins, George V.	do.	47.50	
Phelps, George L.	do.	17.50	
Price, J. W.	do.	87.50	1.98
Pritchard, J. L.	do.	37.50	5.00
Race, William B.	do.	62.50	
Rachford, Harry E.	do.	117.50	
Renshaw, Harvey H.	do.	150.00	
Rice, H. I.	do.	35.83	
Ridley, Joseph	do.	32.50	
Robertson, Erasmus E.	do.	55.00	
Roche, Ashley L.	do.	5.00	
Rogers, B. S.	do.	92.50	
Roper, William H.	do.	95.00	
Scarlett, Fred A.	do.	67.50	
Schattner, Guy B.	do.	75.00	
Schofield, O. E.	do.	7.50	
Scott, R. M.	do.	75.00	
Seaborn, Fred	do.	47.50	
Shank, Silas	do.	7.50	
Sheriff, R. E.	do.	2.50	3.50
Sizer, J. H.	do.	80.00	
Skillman, M.	do.	22.50	
Slinkard, Lee	do.	35.00	
Smith, Virgil D.	do.	37.50	
Snelling, Roy	do.	40.00	
Soll, Henry	do.	82.50	
Stanton, J. W.	do.	31.25	
Steenesson, Hale	do.	32.50	
Stephens, J. Ray	do.	7.50	
Stewart, Harold B.	do.	122.50	
Stonehocker, Clarence P.	do.	45.00	
Swain, Joseph	do.	63.89	
Swearengin, S. C.	do.	10.00	
Talbot, Parker	do.	7.50	
Taylor, Chas.	do.	45.00	
Teeters, Jake	do.	20.00	
Terry, G. A.	do.	22.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thayer, Paul C.	Forest guard, at \$900	\$65.00	
Thiel, F. H.	do.	27.50	
Thompson, Prentiss G.	do.	42.50	
Thrall, Howard A.	do.	17.50	
Price, Townsend	do.	5.00	
Travis, Frank A.	do.	55.28	\$2.70
Turner, A. B.	do.	10.00	
Twitty, Edgar M.	do.	5.00	
Vandevier, John C.	do.	7.50	
Villtrup, A. M.	do.	47.50	
Waldrop, Frank	do.	102.50	
Wallis, Francis	do.	87.50	
Walker, William A.	do.	7.50	
Wells, Dallas F.	do.	25.00	
Wentworth, Bert	do.	150.00	
Willis, H. E.	do.	77.50	
Williams, Allen	do.	30.00	
Williams, Hal R.	do.	20.00	
Wilson, William W.	do.	212.50	36.57
Wootten, William E.	do.	2.50	.50
Wylie, F. A.	do.	65.00	
Young, E. D.	do.	22.50	
Baker, K. C.	Forest guard, at \$800	66.67	
Boulter, Joseph M.	Forest guard, at \$720 and \$900	110.00	
Browne, Alex G.	Forest guard, at \$720	24.00	
Clark, Eugene E.	do.	6.00	
Davey, Henry M.	do.	86.00	
Dodge, Will K.	do.	16.00	
Farley, John M.	do.	40.00	
Fritts, Charles W.	do.	268.00	
Swenson, O. F.	Forest guard, at \$480	5.33	
Steward, Luther	Clerk, at \$1,200	700.00	
Beaty, B. I.	Forest clerk, at \$900 and \$1,100	10.00	
Barksdale, Susie P.	Clerk, at \$900	530.00	
Lee, Grace M.	do.	430.00	
Loring, Jessie	Clerk (stenographer and typewriter), at \$900	262.50	
Tripp, Homer F.	Draftsman, at \$1,400 and \$1,600	1,018.89	134.05
Gosorn, Chas. B.	do.	991.66	
Bonner, F. E.	Draftsman, at \$1,200	500.00	
Hilton, George	do.	600.00	
Munce, S. W.	Draftsman, at \$1,000	125.00	
White, R. S.	do.	105.55	
Fitch, Byron L.	Draftsman, at \$900	525.00	
Guptill, Gordon	Topographical draftsman, at \$1,200	43.33	
Hamilton, Edwin C. T.	Draftsman, at \$1,000 and \$1,200	676.67	
Haring, O. E.	Copy topographic draftsman, at \$1,200	600.00	
Robertson, Richard H.	Copy topographic draftsman, at \$1,000	500.00	
Noyes, C. B.	Copy topographic draftsman, at \$900	637.50	
Tayloe, I. I.	do.	637.50	
Bouser, Florence	Map colorist, at \$900	342.50	
Bryan, Louise H.	do.	487.50	
Carlisle, Louise H.	do.	412.50	
Cottrell, Laura W.	do.	450.00	
Smith, Helen B.	do.	530.00	
Wolff, M. H.	Forest agent, at \$900	2.50	
Lindsay, Hughes	Field assistant, at \$720	16.00	
Cortlander, L. D.	Field assistant, at \$480	10.66	
James, Harri.	Unskilled laborer, at \$600	20.17	
Total		52,929.24	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
A, 19 (Indian).....	\$12.00	Allen, J. B.....	\$10.00
A, 47 (Indian).....	12.00	Allen, Mrs. J. C.....	108.00
A, 70 (Indian).....	12.00	Allen, J. J.....	6.00
Abbott, Archie.....	2,563.20	Allen, John C.....	249.00
Abbott, E. J.....	28.00	Allen, John F.....	112.06
Abdulrahman, H.....	81.75	Allen, Jude V.....	32.00
Abila, Juan.....	3.75	Allen, Levi.....	21.00
Abolos, Monico.....	20.00	Allen, Lewis.....	75.00
Acker, H. L.....	8.00	Allen, W. B.....	5.00
Ackley Bros.....	73.03	Allen, William B.....	53.36
Acona, Jesus.....	17.00	Allen, W. E.....	7.75
Acord, Thomas.....	25.00	Allen & Co., H. M.....	225.62
Acosta, Fred.....	9.00	Allen Co., J. A.....	264.39
Acosta, Steve.....	9.00	Allen Bros.....	4.80
Adair, Ira.....	5.00	Allen Co.....	8.05
Adair, W. L.....	53.43	Allen & Olson.....	58.29
Adams, E. F.....	3.00	Allen & Son.....	8.15
Adams, E. H.....	256.95	Alles, H. Y.....	2.50
Adams, Frank.....	49.00	Alley Canon Lumber Co.....	24.98
Adams, G. E.....	153.44	Allison, J. B.....	3.00
Adams, H. F.....	10.00	Allison, W. O.....	251.87
Adams, R.....	24.00	Allred, Arlin.....	70.00
Adams, Stephen.....	178.00	Allred, J. F.....	8.00
Adams, W. F.....	7.80	Allred, Orson C.....	77.35
Adams & Adams.....	34.75	Allred, Wm.....	13.75
Adams-Gardiner Library Co.....	59.50	Allred, W. Lyle.....	82.00
Adamson, J. W.....	8.40	Allsup, R. L.....	25.00
Addy, R. E.....	29.85	Allsup, T. A.....	352.00
Adkins, S. P.....	6.50	Almaden, Joseph.....	8.00
Adolphsen, Henry.....	37.50	Alpha Hardware & Supply Co.....	131.88
Aemisegger, Nick.....	11.25	Altham, John.....	204.00
Afton, E. H.....	31.65	Alumbaugh, E. D.....	9.40
Agulara, Jose.....	63.50	Alvey, Thomas.....	23.62
Ahlstrom, Dan.....	67.50	Amacher, Jacob.....	114.38
Ahlners, Henry.....	138.75	Amador, A.....	50.05
Ahlvers, Herman.....	33.75	Amador, Bonniacia.....	38.50
Aho, Anton.....	14.80	Amador, Juan.....	38.50
Aiken, Clint.....	10.00	American Fork Co-operative Institute.....	35.50
Aiken, David.....	14.00	American Fork Stage Co.....	29.00
Aikers, Wm.....	19.00	American Hardware Co.....	892.83
Ainsworth & Sons, Wm.....	5.50	American Hardware & Plumbing Co.....	16.70
Akers, William.....	52.40	American Refractory Ores Co.....	3.00
Albera, E.....	22.75	American Steel & Wire Co., The.....	17,661.00
Albion Furniture Co.....	24.28	Ames, Clarence.....	67.50
Albuquerque Lumber Co.....	327.13	Ames, E. G.....	84.41
Alderette, Jose M.....	19.26	Ames, Harris Neville Co.....	10.25
Alderson, E. L.....	15.00	Ammons, R. A.....	134.66
Aldridge, Arthur.....	253.50	Anaconda Copper Mining Co.....	308.53
Aldridge, Edward.....	6.00	Anderberg, Nils.....	45.00
Aldridge, W. M.....	278.18	Anders, L. E.....	16.25
Alexander, John.....	8.69	Anderson, Andrew.....	22.50
Alexander, Manford.....	45.00	Anderson, Arthur.....	18.45
Alexander, R.....	50.92	Anderson, A. Alfred.....	52.50
Alexander, T. G.....	48.22	Anderson, A. C.....	1.60
Alexander, T. M.....	94.00	Anderson, A. G.....	62.33
Alexander-Freidenrich Co. (Ltd.).....	70.87	Anderson, Chas.....	1.00
Alexander & Knoch.....	11.70	Anderson, Chas. A.....	35.00
Alger, W. E.....	36.40	Anderson, Emil.....	21.00
Alger Hdw. Co., H. R.....	4.85	Anderson, E. L.....	82.50
Allen, R. E.....	8.00	Anderson, Frank.....	15.00
Allard, S.....	24.00	Anderson, Gilbert.....	61.00
Allen, Albert W.....	5.00	Anderson, Gus.....	34.00
Allen, Andrew.....	18.60	Anderson, Harold J.....	7.30
Allen, C. Frank.....	6.12	Anderson, James.....	67.67
Allen, Chas. J.....	20.25	Anderson, James, jr.....	4.20
Allen, D. R.....	42.00	Anderson, J. C.....	45.75
Allen, Edgar.....	9.00	Anderson, John.....	184.54
Allen, E. F.....	94.38	Anderson, John A.....	4.00
Allen, Ed. L.....	50.64	Anderson, John M.....	2.50
Allen, Eliba L.....	108.00	Anderson, John W.....	7.50
Allen, F. J.....	20.00	Anderson, J. R.....	32.25
Allen, Frank.....	17.25	Anderson, Leo E.....	72.86
Allen, George W.....	2.00	Anderson, Louis, jr.....	7.00
Allen, Hyrum.....	27.70	Anderson, Martin.....	10.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Anderson, Mons.....	\$17.50	Arrington, D. P.....	\$54.00
Anderson, R. A.....	4.10	Arrivee, David.....	32.00
Anderson, S. W.....	30.00	Arroyo, R. Ramon.....	4.75
Anderson, Walter.....	4.00	Arthur, C. D.....	15.00
Anderson, Wm.....	7.25	Asay, Leonard.....	50.00
Anderson & Baker.....	305.53	Aschoff, Adolf.....	2.30
Anderson Fisher Library Co.....	156.12	Aschoff, Otto.....	17.10
Anderson Lumber & Hardware Co.....	74.09	Ashburn, J.....	12.00
Anderson-Spencer-Manger Co.....	34.81	Ashburn, O. F.....	37.50
Anderton, R. J.....	26.25	Ash Creek Lumber Co.....	80.03
Andesaan, Chas. S.....	67.37	Ashe Bros.....	14.55
Andosola, Antonio.....	9.00	Asher, J. R.....	56.00
Andrae & Sons Co., Johns.....	34.39	Ashland Mercantile Co.....	56.51
Andrews, Albert.....	14.75	Ashley Co-Op.....	55.99
Andrews, Fred.....	160.00	Ashley, Robert.....	83.75
Andrus, C. B.....	48.75	Ashlock, Norman S.....	40.00
Andrus & Sons, James.....	104.16	Ashpole, Roy.....	2.88
Ancola, Jose.....	11.00	Ashton Hardware Co., Leslie.....	253.19
Anez, Jack.....	4.00	Aston, D. T.....	6.00
Angel, Birgido.....	19.25	Atcheson, James.....	134.00
Angel, James.....	48.81	Atherton, Rufus H.....	3.00
Angel, Louis.....	19.25	Atkin, Henry A.....	50.50
Angels Lumber Co.....	4.90	Atkin, H. W.....	35.00
Angulera, Tonia.....	46.87	Atkin, John.....	31.00
Angus, J. L.....	77.80	Atkin, W. A.....	12.05
Anks, Samuel.....	174.00	Atkins, Q. N.....	172.50
Anthony, J. W.....	19.50	Atkins, T. J.....	5.00
Antonio, Miguel.....	67.50	Atlanta Mercantile Co. (Ltd.).....	170.43
Apache Lumber Co.....	120.33	Atlanta Supply Co. (Ltd.).....	19.52
Apodaca, Desiliano.....	62.00	Atlas Lumber Co.....	15.75
Apodaca, Juan.....	39.00	Attleberry, Arthur.....	20.00
Apple, J. H.....	37.35	Attleberry, Code.....	20.00
Aranquo, Hilario.....	36.25	Atwood, Cecil.....	13.75
Archer, E. E.....	43.50	Atwood, E. C.....	11.65
Archuleta, Cleafes.....	18.00	Aubrey, A.....	5.00
Archuleta, Marcus.....	2.25	Aulo, Jose.....	4.00
Ardizzi-Olcese Co.....	12.65	Ault & Co., B. A.....	4.15
Arduser McLeod & Co.....	99.52	Austin, Allen.....	51.50
Arella, Seferino.....	33.75	Austin, Lon H.....	32.00
Arellanes, J. D.....	36.00	Austin Commercial Co.....	337.85
Arendell, B. P.....	298.50	Austin Lumber Co.....	76.09
Arendt, George.....	200.00	Auten, J. B.....	50.00
Arizona Copper Co. (store department).....	1.75	Averett, John.....	18.00
Arizona Cooperative Mercantile Insti- tute.....	66.79	Avery, M. P.....	81.96
Arizona Electric Co.....	29.89	Avery Hardware & Supply Co.....	488.23
Arizona Lumber & Mill Co.....	449.47	Awbrey, J. W.....	44.00
Arizona Lumber & Timber Co.....	1,509.56	Awe, L. H.....	108.34
Arizona Overland Telephone Co.....	1,831.25	Axtell, G. W.....	31.25
Arizona Sash, Door & Mill Co.....	58.06	Ayers, E. E.....	111.25
Arjo, Ramon.....	20.25	Ayers, Frank A.....	47.50
Armatage, Samuel, jr.....	76.00	Ayers & Co., Geo. V.....	16.00
Armatage, Samuel, sr.....	18.00	Ayres, H. V.....	17.50
Armatage, S. R.....	60.00	Babbitt, R. C.....	5.00
Armer, L. E.....	14.00	Babbitt Bros.....	992.59
Armes, Irwin.....	15.00	Babbitt Bros. Mercantile Co.....	43.14
Arnijo, Fernandez.....	25.50	Babbitt-Polson Co.....	157.15
Armitage, George.....	4.27	Babcock B.....	60.00
Armstrong, A. J.....	13.50	Babcock, Mrs. D. W.....	14.63
Armstrong, Art.....	5.00	Babcock, J. M.....	1.50
Armstrong, H. A.....	117.50	Babcock, J. W.....	15.00
Armstrong, R. B.....	25.85	Babcock, William S.....	31.50
Armstrong, Robert.....	25.50	Baca, Emeterio.....	2.00
Armstrong, William Oral.....	464.30	Baca, Frank S.....	53.75
Armstrong & Kemmer.....	10.00	Baca, Josefa.....	6.00
Arneson, John.....	15.67	Baca, Merced.....	6.00
Arnold, Charles.....	8.00	Baca, Merejildo.....	12.00
Arnold, E. A.....	71.00	Bach, James F.....	7.00
Arnold, Mrs. H. S.....	8.61	Bacon, Benjamin.....	48.00
Arnold, Sam.....	24.75	Bader, Mike.....	3.00
Arnold, S. C.....	12.00	Badgley, E. L.....	4.50
Arnold, S. R.....	702.50	Baeh, J. F.....	33.00
Arrighi, Paul.....	46.25	Baener, L. J.....	96.75
		Baer, John.....	131.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Baggott, Charles.....	\$45.00	Baril, Louis.....	\$131.00
Bahr, Friedrich A.....	27.00	Barker, Dell.....	67.00
Bailey, Alfred.....	2.00	Barker, Fred.....	67.50
Bailey, D. B.....	22.50	Barker, Geo. A.....	32.75
Bailey, Gustavus.....	3.00	Barker, Jesse.....	8.00
Bailey, H. S.....	2.50	Barker, Joe.....	38.50
Bailey, Mrs. J. D.....	21.00	Barker, Peter O.....	20.00
Bailey, M. J.....	466.60	Barker, Sherman.....	38.00
Bailey & Massingill.....	167.98	Barker, Willard.....	23.62
Bailor, Fred.....	6.75	Barlow, C. L.....	11.25
Bain, J. M.....	10.00	Barlow Bros.....	101.49
Baird & Son.....	24.25	Barman, John.....	1.50
Baker, Alfred.....	45.00	Barnard, Jno. A.....	2.00
Baker, Art.....	12.00	Barnard, Rex.....	6.75
Baker, B. W.....	18.00	Barnes, Bert D.....	148.00
Baker, Claude.....	21.37	Barnes, James B.....	10.55
Baker, Claude V.....	12.37	Barnes, Jarchow Co.....	76.40
Baker, Ed.....	244.90	Barnes, W. D.....	173.80
Baker, E. L.....	18.00	Barnett, James.....	60.00
Baker, I. S.....	6.30	Barnett, M.....	198.33
Baker, James.....	4.00	Barnum, W. S.....	10.92
Baker, L. S.....	15.00	Baron, H.....	19.35
Baker, Marcus P.....	62.99	Barr, A. J.....	64.00
Baker, Ralph.....	28.12	Barr, William.....	74.00
Baker, R.....	6.00	Barras, Manuel.....	37.62
Baker, Roderick B.....	62.99	Barratt, E. J.....	50.46
Baker, S.....	14.00	Barrett, Cleve.....	12.00
Baker, Willie.....	21.25	Barrett, George R.....	50.00
Baker, W. M.....	17.00	Barrett, L. R.....	192.25
Baker, Bartholomew Lumber Co.....	1.00	Barrett, Roy.....	83.23
Baker River Lumber Co.....	4.50	Barrett Manufacturing Co.....	54.00
Bakersfield Hardware Co.....	8.80	Bargan, E.....	26.50
Bakke, Thore A.....	140.00	Barrington, F. W.....	3.75
Baldridge, J. C.....	175.61	Barris, Remone.....	43.75
Baldwin, Fred.....	98.00	Barrows, F. P., & Son.....	22.85
Baldwin, Wallace.....	15.00	Barrus, Emery.....	3.54
Baldwin, William.....	150.00	Barry, Tim.....	86.90
Baldwin Sheep and Land Co.....	5.20	Bartels, Gus.....	30.00
Balfour, W. G.....	2.50	Bartholomay, C. F.....	102.50
Ballard, Elmer E.....	13.00	Bartildes Seed Co.....	7.86
Ballard, Jas. P.....	3.00	Bartlett, T. A.....	27.85
Ballard, J. F.....	30.00	Bartlett, Thomas M.....	26.55
Ballbach Bros.....	61.77	Barton, A.....	30.00
Ballew, John F.....	97.42	Barton, A. C.....	5.00
Baloaneda, Alverto.....	13.50	Barton, E. P.....	79.00
Bandtman, C. F.....	4.50	Barton, F. A.....	30.00
Bandtman, W. J.....	5.00	Bartrum, C. De F.....	72.50
Banela, Don.....	5.80	Basche, C. C., Hardware Co.....	58.86
Bangs, John.....	115.88	Basche, Sage Hardware Co.....	113.50
Bangs Livery Co.....	7.83	Basces, Porfirio.....	19.25
Banigan, Wm.....	56.00	Bascom, Paul.....	38.13
Banister, S. S.....	16.88	Bascom, W. P.....	395.75
Bank of Northern Arizona.....	78.76	Bashford-Burmister Co., The.....	20.33
Banker, F. J.....	188.00	Basin Lumber Co.....	26.00
Banks, Edward.....	175.62	Baskin, John.....	40.00
Banks, Geo.....	24.00	Baskin, Jr., Geo.....	40.00
Banks, N.....	42.00	Basler, Aurelio.....	122.50
Banks & Blair.....	7.00	Basquez, Duncio.....	80.50
Bannagan, A.....	25.00	Bassett, W. H.....	1.80
Banning Livery Stables.....	8.00	Bassett Lumber Co.....	368.12
Banning Lumber Co.....	1.00	Bateman, Fred.....	5.63
Banning Mercantile Co.....	4.00	Bateman, F. J.....	84.37
Banta, James.....	172.50	Bateman, John W.....	9.00
Bangett, A. G.....	14.63	Bates, C. F.....	3.40
Barckley, H. D.....	8.00	Bates, C. W.....	31.00
Barclay, D. A.....	200.00	Bates, Hugh H.....	17.25
Barclay, Fay.....	24.70	Bates, James.....	1.50
Barclay, N. G.....	8.40	Bates, R. D.....	6.50
Barclay, Wm. T.....	47.00	Batjer, Robt.....	22.00
Barden, Tim.....	20.00	Batten, A. T.....	45.50
Bardleau, A.....	5.33	Bauer, August.....	34.31
Barela, Juan Francisco.....	34.50	Bauer, John.....	43.00
Bargas, J. C.....	40.32	Bauer, Philip.....	159.90



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
Improvement of the national forests, 1910, \$600,000—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Bauer, Geo., Mercantile Co.....	\$15.25	Benicia Iron Works.....	\$23.30
Baugh, Clarence.....	132.00	Bening, Frank F.....	14.00
Bauzel, A. G.....	40.50	Benjamin, C. T.....	10.00
Bay-gam-e-nais, Jake.....	19.00	Benner, Mrs. H. L.....	4.96
Bayha, Dick.....	457.17	Bennett, C. F.....	8.70
Bayne & Ward.....	30.28	Bennett, E. G.....	30.00
Shingle Co., B. B.....	8.38	Bennett, Henry.....	8.78
Beach, William.....	88.50	Bennett, J. W.....	16.57
Beach & Wellman.....	25.15	Bennett, Walter.....	6.15
Beager, A. G.....	.65	Bennett, William.....	82.49
Beal, C. P.....	12.37	Bennett, W.....	11.27
Beale, J. E.....	29.06	Bennett Co.....	20.42
Beam, J. C.....	30.00	Bennett Lumber Co.....	31.40
Bean, Fred.....	20.00	Bennett & Son.....	33.95
Bean, Redmond.....	62.50	Bennetti, Peter.....	24.20
Bean, R. W.....	18.00	Benningfield, J. C.....	28.00
Bean, A. B., Hardware Co.....	72.95	Bennion, Enos.....	45.50
Beard, J. M.....	107.15	Benota, Lorence.....	19.25
Beas, Nestor.....	33.75	Benson, Alfred.....	289.05
Beas, Denero.....	33.75	Benson, John.....	14.50
Beatty, D. L.....	22.00	Benson, John C.....	28.75
Beatty, Jas. A.....	40.76	Benson, Oscar.....	15.00
Beauchamp, W.....	28.00	Bent, Moe.....	7.88
Beaver, Charles.....	204.75	Benton, Wm. R.....	5.50
Beaver, Elmer.....	106.25	Benty, George C.....	7.55
Beaver Equitable Co-Op.....	26.25	Berg, Conrad.....	29.12
Beaver Manufacturing Co., The.....	14.79	Berg, Edward J.....	109.00
Beaverhead Lumber Co.....	196.95	Berge, J. M.....	32.00
Beck, Chris.....	81.12	Berger, George.....	114.13
Beck, John.....	10.00	Bergerou & MacDonell.....	46.59
Beck, John L.....	2.50	Bergerou & Malloy.....	51.36
Beck, Rufe.....	50.00	Bergh, H. A.....	2.00
Becker, Gustav.....	500.00	Berglund, Harry.....	50.00
Becker, T. G.....	127.74	Bergain, John.....	19.00
Becker-Franz Co.....	25.00	Bernudez, P.....	51.50
Becker-Mactavish Co.....	1,976.52	Bernal, Ricardo.....	26.40
Becker-Mactavish Sawmill.....	4.50	Bernard, T. E.....	32.59
Becker Mercantile Co.....	648.02	Berray, Jas. J.....	5.00
Beckham Co., E. M.....	45.75	Berringer, William.....	81.00
Beckstrand, J. A.....	6.00	Berry, Fred H.....	28.75
Beckstrom, P. E.....	61.25	Berry, J. W.....	10.50
Bedal, Wm.....	2.50	Berry, P. D.....	17.95
Bedard, S. J.....	21.00	Berryman, J. F.....	10.00
Bedford, John.....	36.25	Bertatta, Louis.....	8.31
Bedford, Walter.....	79.00	Bertelson, Wm.....	30.00
Bedford Livery, The.....	16.00	Berthelson, J. C.....	97.87
Bee, Joseph.....	63.00	Bertschi, Albert.....	348.81
Beebe, H. B.....	20.20	Bettandorff, John.....	45.00
Beechler, Sam.....	35.75	Bettandorff, J. W.....	125.00
Beener, S. J.....	109.50	Betts, Charles.....	2.50
Beers, David.....	45.00	Betts & Welsher.....	17.85
Beers, H. W.....	186.42	Betzer, Frank.....	70.20
Beeson, Wm.....	18.00	Beyer, Clarence.....	6.50
Beeson, W. W.....	34.17	Bia, Hoak.....	8.13
Bega, Clarence.....	17.00	Bibo, Ivan.....	7.00
Belk, J. W.....	22.00	Bickel, Geo. L.....	32.08
Belknap, Arthur.....	13.62	Bidrio, Camilo.....	33.75
Belknap, E. A.....	6.75	Bieber, N.....	24.75
Belknap, jr., H. P.....	84.87	Bierer, Wm.....	27.80
Bell, A. N.....	15.00	Bierman, H.....	8.36
Bell, A. T.....	36.00	Biezel & Fleet.....	5.00
Bell, J. E.....	7.50	Big Blackfoot Milling Co.....	90.71
Bell, W. T.....	1.03	Bigelow, C. O.....	136.15
Bell & Co., L. P.....	26.50	Big Goose Lumber Co.....	7.10
Bell & Turnbull Hardware Co.....	22.00	Big Horn Lumber Co.....	32.79
Bellmire, W. S.....	30.00	Big Horn Timber Co.....	33.59
Beltz, L. J.....	204.00	Bigler, R. B.....	250.50
Bemis, James.....	32.25	Bigler, R. R.....	51.25
Benadom, Josh.....	9.75	Bigler, Wm.....	275.00
Be-Nal, Hosteer.....	61.06	Bignell, Henry.....	5.76
Bencone, Simon.....	43.75	Big Piney Mercantile Co.....	133.20
Bend Hardware Co.....	85.25	Big Timber Lumber Co.....	45.33
Benesch, John.....	50.50	Biley, Joe.....	102.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000."—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Billadpando, Ramone.....	\$31.50	Bloettler, Simon.....	\$7.50
Billings, G. W.....	10.00	Bloom, Clyde.....	63.75
Bills, C. L.....	115.16	Blosfeld, C. E.....	.86
Binding, George.....	14.00	Blunce, C. H.....	40.00
Bingham, Fred R.....	18.90	Blush, Claire R.....	21.00
Bingham & Keele.....	1.10	Board of County Commissioners, Sheridan County, Wyo.....	2,000.00
Biorn, Dave.....	52.00	Bobadilla, Florencia.....	41.75
Birch, Edward.....	98.59	Bobell, Charles.....	77.42
Bird & Son, F. W.....	41.10	Bochmann, Bruno.....	11.50
Bird, Geo.....	197.50	Boeker, H. E.....	2.00
Bird, Peter.....	8.00	Bodle, Alvin T.....	12.50
Birdsell, Frank.....	6.00	Boese, Leon.....	45.00
Birdsey, Fred.....	63.37	Boeske-Dawe Co.....	13.15
Birdsill, Arlie J.....	9.75	Boger, J. R.....	90.00
Birdsong & Ammons.....	60.00	Boggs, C. E.....	31.50
Birch, George.....	116.80	Bogue, J. S., & Co.....	38.22
Bisby, Geo. H.....	21.25	Boillo, Nestra.....	4.00
Bishop, John.....	31.00	Boise Mercantile Co. (Ltd.).....	35.72
Bishop & Young.....	305.59	Boise Sash & Door Factory.....	14.90
Bissell, C. A.....	265.00	Boise Valley Ry. Co.....	16.00
Bissell, William.....	7.75	Boland, T. E.....	236.75
Bissett, E. O.....	12.50	Boldrey, Edgar.....	35.25
Bitner, Milton O.....	21.60	Boley Mercantile Co.....	14.40
Bitter Root Mercantile Co.....	34.67	Bolin, J. A.....	5.00
Black, Frank.....	33.25	Bolinger, John E.....	248.25
Black, David.....	72.50	Bolinger, W. A.....	19.55
Black, G. D.....	190.00	Bolton, James.....	89.85
Black, J. A.....	18.00	Bolton, J. D.....	10.50
Black & Atkins Co.....	479.78	Bolton, W. J.....	7.50
Blackburn, William.....	45.00	Bolton, W. J.....	35.87
Blackfoot Commercial Co.....	394.50	Bolyard & Duncan.....	2.88
Blackhall, James.....	6.90	Bond, David.....	3.00
Blackman, Mrs. W. O.....	10.80	Bond, Theodore.....	68.25
Blackwell, C. W.....	2.50	Bond, W. H.....	675.14
Blackwell, Sherman.....	91.50	Bond & Nohl Co.....	134.15
Blackwell, Wallace.....	40.00	Boner, C. A.....	16.50
Blackwell, W. W.....	54.00	Bone & Ward.....	35.00
Blaine, Indian.....	31.00	Bonham, John P.....	3.75
Blair, N. E.....	142.05	Bonham, M. L.....	30.75
Blair, R. H.....	100.39	Bonifacio, Elisondo.....	41.50
Blair Lumber & Land Co., J. & J.....	5.35	Bonilla, Cesilio.....	26.00
Blake, Benj.....	42.00	Bonilla, Jas.....	26.00
Blake, F. G.....	76.50	Bonilla, Nesto.....	12.00
Blake, J. B.....	28.00	Bonner, A. M.....	229.92
Blake, John C.....	99.00	Bonner Lumber Co.....	18.28
Blake, J. C.....	5.50	Bonney, P. S.....	9.00
Blakeley, Grant S.....	2.50	Bonniwell, P. M.....	59.50
Blakely, H. A.....	615.88	Borde, Albert.....	12.80
Blakeslee, Clare C.....	6.40	Books, G. W.....	4.00
Blaney, J. R.....	56.50	Boon, M. J.....	37.00
Blank, Geo.....	90.86	Boone County Hardware Co.....	268.98
Blankenship, E. O.....	33.87	Boorman Lumber Co.....	83.46
Blankenship, F. E.....	78.00	Booth, H. R.....	4.50
Blankenship, Henry.....	94.50	Booth, J. F.....	6.57
Blankenship, H. B.....	18.75	Boothe, Clyde D.....	42.50
Blankenship, John W.....	48.00	Bordeau, S. A.....	52.25
Blasingame, L. A.....	40.80	Borer, J. V.....	54.00
Blasingame, Paul B.....	7.50	Boright, Bret W.....	2.50
Blessing, J. J.....	175.75	Bork, E. C.....	12.30
Bletcher, W. B.....	10.08	Borrego, James W.....	420.00
Blevins, H. Emile.....	55.50	Bosch & Co., Henry.....	308.97
Blevins, Lee.....	59.44	Bosen, Hyrum.....	3.50
Blew, F. L.....	86.63	Boston, Geo. D.....	4.50
Blew & Co., J. F.....	44.65	Boston & Idaho Gold Dredging Co.....	83.34
Blinn, John.....	84.37	Bottaro, V.....	3.00
Blinn Lumber Co., L. W.....	799.88	Bottoms, Bud.....	10.00
Bliss Bros.....	1.15	Bottoms, W. C.....	9.87
Block, Oliver W.....	74.00	Boulter, Joseph M.....	17.00
Block, Stephen.....	20.00	Boulter, Ray.....	69.00
Block, Miller Lumber Co.....	68.74	Bourg Bros.....	16.00
Blockwell, Charles.....	5.71	Bonslog, C. T.....	12.00
Blodgett, B. F.....	224.91	Boutelier, Douglas.....	152.50
Blodgett, Harry.....	9.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Boutelier, Harry.....	\$55.00	Brinkerhoff, Lee.....	\$7.50
Boutelier, Rupert.....	50.00	Brisbin, L. H.....	60.00
Bowden, Geo. F.....	363.00	Bristol, Orlea M.....	300.00
Bowen, George.....	223.75	Britt, Louis.....	135.00
Bowen, Fred.....	4.80	Britten Bros.....	36.28
Bower, J. C.....	38.00	Britten & Dinkins.....	17.45
Bowlen, C. C.....	30.00	Brizard, A. (Inc.).....	2.49
Bowman, Frank.....	30.00	Broadwater County Hardware Co.....	140.32
Bowman, Joe.....	35.00	Brockbank, Heber P.....	15.95
Bowman, E. P., & Co.....	186.32	Brockner, John H.....	8.44
Bowman Hardware Co.....	165.90	Broderick, J. B.....	31.50
Bowman & Co.....	107.52	Broderick, Spencer.....	5.25
Boyce, Geo. A.....	42.00	Bronson, Charles.....	69.00
Boyce, John B.....	20.25	Bronson, Neil.....	56.24
Boyce & Co., Ira G.....	39.25	Brookings Lumber & Box Co.....	1.05
Boyd, John M.....	25.00	Brooks, Ben L.....	12.00
Boyer, A. M.....	18.51	Brooks, C. B.....	13.00
Boyer, C.....	12.25	Brooks, C. M.....	15.00
Boyer, C. E.....	93.00	Brooks, C. W.....	5.30
Boylard, Daniel.....	105.00	Brooks, Edward.....	35.75
Bozeman Home Telephone Co.....	79.55	Brooks, M.....	83.25
Bozeman Manufacturing Co. (Inc.).....	22.50	Brooks, T. C.....	38.75
Bracken, Arthur.....	34.08	Brothers, Henry.....	28.35
Bracken, M. E.....	50.00	Brough, Hyrum.....	62.00
Bracken, Wm.....	7.60	Brough, LeRoy.....	155.00
Bradley, James D.....	70.00	Brower Lumber Co.....	71.86
Bradrick Machine Co.....	29.30	Brown, Alex.....	129.32
Bradshaw, A.....	49.50	Brown, Alfred E.....	19.04
Bradshaw, C. C.....	25.50	Brown, Artie.....	30.00
Bradshaw, Geo.....	82.00	Brown, A. S.....	45.83
Bradshaw, John.....	109.00	Brown, A. S. & S. T.....	20.00
Bradway, Clifford.....	81.50	Brown, Carl E.....	52.72
Brady, Daniel.....	8.00	Brown, C. H.....	21.37
Brady, John.....	55.00	Brown, Dan.....	5.28
Brady, William.....	40.25	Brown, E. W.....	18.00
Bragg, Tom.....	19.26	Brown, Fred.....	1.50
Bralliar, Dave.....	53.75	Brown, F. T.....	83.13
Bramhall, Voli.....	15.00	Brown, George.....	13.75
Brandeau, W. E.....	36.00	Brown, Geo. W.....	15.00
Brandes, H. L.....	36.90	Brown, Gus.....	94.50
Brannan, Julius.....	12.50	Brown, G. N.....	324.50
Branscombe, J. E.....	59.00	Brown, Henry.....	114.75
Branson, E.....	33.37	Brown, John.....	179.50
Branson, T. W.....	50.00	Brown, John F.....	639.74
Branstator, W. S.....	165.00	Brown, Joseph.....	12.50
Brant, Frank.....	25.00	Brown, J. D.....	5.00
Bratton, A.....	1.50	Brown, J. G.....	80.00
Bratton, C. R.....	131.50	Brown, J. W.....	150.50
Bratton, Howard.....	142.50	Brown, L. J.....	95.66
Breece, Chas.....	3.75	Brown, L. S.....	31.50
Breeding, Lewis.....	43.75	Brown, Mary P.....	44.38
B. R. Electric & Telephone Manufac-		Brown, N. D.....	402.70
turing Co., The.....	82.89	Brown, Otto.....	35.25
Breese-Webber Co.....	24.37	Brown, Peter.....	102.56
Breizzman, Frank.....	46.36	Brown, Rex R.....	516.03
Brennan Bros.....	68.00	Brown, Robert.....	39.87
Bressler, Peter.....	12.00	Brown, R. W.....	8.00
Brewer, A.....	19.50	Brown, Samuel.....	7.50
Brewer, B. C.....	1,102.50	Brown, Stanley.....	6.00
Brewer, Geo.....	45.00	Brown, S. D.....	1.88
Brewer, J. J.....	29.25	Brown, Wellington.....	5.50
Brewster, Fred.....	93.25	Brown, William.....	7.00
Bridger Sawmill Co.....	161.33	Brown, W. J.....	225.00
Briggs, James C.....	36.25	Brown Co., A., The.....	540.20
Briggs, J. P.....	42.18	Brown & Sons, Geo.....	40.28
Briggs, Otto L.....	35.00	Brown Mercantile Co.....	228.37
Bright, Byron.....	3.00	Brown & Co., F. P.....	242.92
Bright, Henry.....	11.25	Brownell, L. M.....	5.00
Brink, H. F.....	110.14	Brownell Bros. Co.....	61.93
Brink, William.....	162.00	Bruce, N. T.....	26.25
Brinegar, T. E.....	44.00	Bruckart, Leigh M.....	15.00
Brinker, Geo.....	72.47	Bruckart, W. H.....	50.00
Brinkerhoff, Alonzo.....	7.97	Bruehard, John.....	9.00



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Improvement of the national forests, 1910, \$600,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Brummitt, J. F.....	\$60.00	Burton, P. H.....	\$3.25
Brund, Walter.....	13.00	Burton Mercantile Co.....	37.35
Brundage Hardware Co.....	74.85	Bush, Frank.....	136.50
Brunett, John.....	151.75	Bushang, E.....	7.50
Bruno, A.....	64.60	Busher, Louis.....	15.00
Brunson, Abe.....	35.00	Bushnell, Jesse I.....	134.75
Brunson, J. N.....	5.00	Bustad, Peter.....	233.75
Brush, I. E.....	16.00	Buster, William.....	123.36
Bryan, M.....	33.00	Butler, B. F.....	43.75
Bryant, George.....	2.50	Butler, Ed.....	10.00
Bryson, Sam.....	59.12	Butler, Frank M.....	77.40
Buchanan, James.....	24.00	Butler, John.....	60.00
Buchanan, J. D.....	40.56	Butler, J. H.....	16.87
Buchner, C. F.....	12.00	Butler, J. Riley.....	117.00
Buchholz, Lee F.....	144.00	Butler Stables.....	22.00
Buck Mercantile Co., Amos.....	20.95	Butte Falls Lumber Co.....	9.10
Buck, Charles.....	8.75	Button, A.....	65.00
Buck & Rickards.....	5.50	Button, Duane.....	5.40
Bucklar, George T.....	37.50	Button, George.....	107.00
Buell, John L.....	34.95	Button, J. H.....	29.00
Buell, John L. & Sons.....	23.95	Buzan, Charles.....	89.00
Buell, W. M.....	17.04	Buzzard, Wm.....	17.23
Buffalo Hardware Co.....	16.68	Bybee, F. M.....	3.60
Buford Mercantile Co.....	158.59	Bybee, G. M.....	330.95
Bugakan, Geo.....	51.75	Bybee & Wierman Grocery Co.....	22.83
Buller, Wade H.....	139.92	Byers, J. E.....	52.73
Bullock, Wm.....	13.75	Byrd Lumber Co.....	84.78
Bump, Leonard.....	82.13	Byrne & O'Neil Lumber Co.....	539.34
Bunch, A. J.....	480.00	Bystrom, Nels.....	55.15
Bunch Bros.....	10.00	C. & C. Lumber Co.....	520.61
Buoy, Leonard.....	24.00	C. C. & C. Stage Co.....	20.42
Burbridge, Wm. A.....	146.50	Cabonubig Paniciana.....	11.00
Burch, C. B.....	71.60	Cabrera, Antonio.....	60.50
Burch, Luther.....	16.00	Cadley, W. G.....	34.64
Burch, T. L.....	59.81	Caffey, Ed M.....	77.87
Burden, F. G.....	38.14	Cahill, John P.....	89.00
Burford, Archie.....	45.00	Cain, A. J.....	21.50
Burgess, D. J.....	50.05	Calcagnino, L.....	59.50
Burgess, Jake.....	5.00	Calderwood, Grimes.....	50.75
Burgess, J. A.....	6.00	Caldwell, Ellison F.....	1.00
Burgett, N. A.....	14.60	Caldwell, J. H.....	9.75
Burgoynes, Alex.....	12.00	Caldwell, J. W.....	97.20
Burgoynes, John.....	12.00	Caldwell, S. C.....	71.74
Burgoynes, P.....	75.75	Caldwell, W. D.....	9.75
Burke, Alvin.....	61.00	Caldwell, W. E.....	120.00
Burke, Edward.....	27.50	Calhoun, J. F.....	77.50
Burke Bros.....	155.45	California Hardware Co.....	450.02
Burke, Lehman & Scott.....	6.70	California Hot-Springs.....	45.60
Burkett & Co., J. J.....	63.60	California Mining & Dredging Syndi- cate.....	91.26
Burkhart, J. B.....	32.00	California National Supply Co.....	4.08
Burlingame, E. P.....	111.25	California & Oregon Telephone Co.....	1.50
Burnett, John.....	35.00	Call, A. V.....	55.70
Burnett, F. T.....	4.00	Call, J. H.....	27.40
Burney, A. M.....	32.37	Callahan, James.....	81.00
Burnham, Fred.....	2.50	Callis, A. J.....	30.00
Burnham, W. A.....	233.75	Callow, F. B.....	297.16
Burns, Lloyd.....	42.00	Calvin, John.....	227.50
Burns, Richard.....	10.00	Calvin, J. C.....	34.87
Burns, W. F.....	45.00	Cambridge Mercantile Co.....	16.37
Burns, Briggs Lumber Co.....	127.85	Cameron, D. W.....	88.31
Burns Mercantile Co.....	8.54	Camp, George.....	110.27
Burr, Horace J.....	15.00	Camp, Jacob H.....	45.00
Burr, J. A.....	304.00	Camp Rincon Resort Co.....	8.05
Burrel, Arthur.....	250.00	Campbell, Berry M.....	10.00
Burris, William.....	28.00	Campbell, C. P.....	8.00
Burro, Billy.....	25.00	Campbell, C. B.....	18.50
Burrough, John.....	72.50	Campbell, C. R.....	94.62
Burrows & Co., C. A.....	2.90	Campbell, D. B.....	22.84
Burster, Carl A.....	17.50	Campbell, F. M.....	65.25
Burster, Ernest A.....	91.25	Campbell, Hie.....	6.00
Burt Bro.....	7.97	Campbell, H. A.....	37.24
Burton, G. L.....	68.00	Campbell, John A.....	12.00
Burton, Jarvis.....	55.50		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Campbell, J. F.	\$166.50	Carter, Wm. H.	\$22.00
Campbell, James M.	10.86	Cartwright, E. A.	55.75
Campbell, J. Mac D.	62.50	Cartwright, J. M.	29.75
Campbell, J. R.	4.00	Carvin, Louis.	61.25
Campbell, L.	1.85	Casalta, B.	5.25
Campbell, Neil.	105.62	Case, A. H.	145.25
Campbell & Oldham.	16.00	Case & Sons, Geo. R.	8.24
Campbell, W. V.	311.09	Case, Joseph.	46.03
Campbell & Sons, W. W.	200.00	Case, J. J., Threshing Machine Co.	44.12
Campoy, Jesus.	21.00	Case, S. R.	154.97
Campton Commercial Co.	24.91	Casey Co., C. C.	43.50
Canby, Edward B.	15.00	Caskey, Jos.	10.50
Candelaria, Prejeres.	48.00	Casley, William.	21.75
Candelaria, Samuel.	88.75	Casner, E. P.	26.25
Candelaria, Serafin.	82.25	Casner, W. H.	98.75
Caney, William H.	5.60	Casper, Grant.	84.00
Cannon, Walter.	5.85	Casperson, Chas.	67.50
Cano, Charley.	6.00	Cassaretto, Frank L.	36.55
Cansino, Procopis.	2.00	Cassidy & Sons, Daniel.	14.00
Cantrall, Earl.	70.00	Cassingham, James.	261.25
Cantrall, John.	92.50	Castagna & Co., Messrs. R.	6.84
Cantrall, Ray.	40.00	Castle, Fred.	30.00
Cantrall, S. L.	3.00	Castle, Harry L.	10.00
Canyon City Commercial Co.	6.80	Casto, W. S.	38.12
Capistrano, Juan.	17.00	Castro, Angel.	49.75
Capps, G. E.	18.00	Castro, Juaguin.	15.00
Carabajal, Pedro.	113.10	Castro, M.	20.00
Caracosa, Jose.	5.00	Castro, Stephen.	5.62
Caracosa, Luis.	7.50	Cates, Paul.	31.50
Card, Henry.	35.00	Cathey Bros. & Martin.	106.23
Card, William.	82.00	Cathey, Henry.	8.75
Cardenas, Juan.	91.00	Cathey, W. H.	13.30
Carey, John.	19.56	Catlett, Ben.	12.00
Carey, S. P.	37.50	Carnar & Co.	102.98
Cargill, W.	65.00	Catlett, J. J.	1.63
Carleton, Edward.	9.75	Cauthen, J. T.	18.00
Carlin, Fred.	5.44	Cavanaugh, E. B.	12.60
Carlson, Alvin.	64.80	Cavanagh, W. S.	126.13
Carlson, Fred.	88.00	Cavin, George W.	15.27
Carlson-Lusk Hardware Co.	273.60	Cavin, L.	8.00
Carlson, N. R., Jr.	5.00	Caviness, A. A.	41.19
Carlton & Son.	7.50	Cawyer, A. H.	53.25
Carmichael, J. J.	10.00	Caylor, Edward.	20.00
Carmichael, R. I.	30.00	Cayot, Frank B.	13.50
Carmony, Sherman.	85.00	Cearley, James.	28.00
Carnes, Chas. N.	25.00	Cell, Jos. O.	68.00
Carney, James.	14.00	Centauros, Wm.	126.00
Carpenter, A. J.	68.50	Central Colorado Power Co.	19.50
Carpenter, Fred.	35.00	Central Meat Market.	35.76
Carpenter, John.	86.50	Chaffin, Lew.	2.25
Carpenter, P. D.	54.00	Chaffin, L. M.	23.50
Carpenter, W. F.	67.50	Chamberlain Lumber Co.	21.35
Carper, George.	167.25	Chamberlain, T. W.	318.69
Carpio, J. D.	10.35	Chambers, H.	114.99
Carr Co. (Inc.), E. G.	42.83	Chambers Lumber Co.	68.97
Carr, James.	46.75	Chambers, P. B.	62.94
Carr & Elsethagen.	305.56	Chambers Transfer Co., P. B.	21.13
Carr, N. B.	100.00	Champagne, Henry.	5.10
Carrejo, Ambrosio W.	75.00	Champion Bros.	6.00
Carrey, Bradford.	22.00	Chand, Batua.	50.00
Carrey, Robert.	10.00	Chand, Ram.	50.00
Carrey, R. M.	167.00	Chandler, C. C.	8.12
Carrey, Thomas J.	234.50	Chandler, E. T.	42.12
Carrillo, Joe.	20.00	Chandler, F. E.	2.00
Carrill, J. Q.	16.00	Chandler, R.	77.50
Carson, Chas.	10.00	Channon, J. D.	41.50
Carson Valley Lumber Co.	14.98	Chantrey, C. E.	4.00
Carter, A. T.	10.00	Chapin, George.	6.25
Carter Bros.	9.78	Chapin, G. B.	39.75
Carter, E. C.	70.05	Chapin, Bruno L.	8.75
Carter, Fera.	28.00	Chaplin, Geo.	45.31
Carter, J. J.	29.64	Chaplin, W. H.	10.00
Carter, F. L.	19.50	Chapman, Geo.	63.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,900"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Chapman, J. P.	\$6.00	City Meat Market.	\$20.68
Chapman, Walter.	90.00	City Transfer.	2.50
Chapman, W. B.	3.75	Cizner, F. L.	32.00
Chappell, M. E.	136.95	Clabby, J. E.	33.00
Charrette, J.	3.25	Clack, John H.	10.00
Chase, Alden.	33.24	Claffey, Henry J.	177.75
Chase, Fred H.	46.50	Clark, Alex.	6.00
Chase, William.	30.00	Clark, Asa.	276.25
Chatfield, J. W.	72.00	Clark Bros.	124.26
Chavez, Gavino.	7.18	Clark, Chas. B.	32.50
Chavez, Leandro.	23.31	Clark, Edmond.	22.00
Chavez, Salvador.	40.75	Clark, F. E. C.	142.08
Chelan Falls Milling Co.	9.36	Clark & Graham.	18.99
Chelan Hardware & Furniture Co.	23.90	Clark, G. H.	6.95
Chelan Meat Market.	89.02	Clark, Henry C.	10.00
Chelan Transfer Co.	465.00	Clark, H. L.	202.75
Cheney, D. H.	81.00	Clark, Jay C.	91.15
Cheney, Edward M.	157.60	Clark, Joseph, Jr.	134.87
Cheney, Frank W.	62.50	Clark, Joseph, sr.	179.87
Cheney, H. E.	20.00	Clark, Jos. S.	74.74
Cheney, J. H.	154.90	Clark, J. T.	45.00
Cheney, R. W.	118.55	Clark, Kay.	137.50
Cheney, Mrs. Selar.	5.50	Clark, Lewis.	5.00
Cheng, W. S.	41.45	Clark Lumber Co.	69.47
Chenier, Joe.	16.50	Clark, Luther L.	90.63
Chestnut, V. L.	8.00	Clark, R. W.	34.00
Chestnut, Wm. H.	10.00	Clark, Sam.	74.74
Chess, Oscar.	10.50	Clark, Walter.	23.59
Chewaucan Mercantile Co.	7.50	Clarke, David P.	3.75
Chidester, Park.	45.00	Class, Wm.	69.00
Childers, W. H.	8.30	Claus, Lewis.	4.50
Childers, W. Homer.	15.00	Clawson, James H.	145.72
Childs, F. P.	3.20	Clay, Lou.	74.00
Chilson, S. W.	104.50	Clayson, Cal M.	160.00
Chipman Mercantile Co.	85.54	Clayton, J. E.	45.00
Chittenden, Justin.	71.25	Clayton, Thomas.	28.42
Chittenden, V. E.	6.00	Cleghorn, Ed.	20.00
Chitwood, Clay.	76.00	Clements, James W.	505.50
Chlarson, H. R.	33.44	Cleve, B.	49.22
Choi, K. S.	52.82	Cleveland, Grover.	20.00
Choteau Mercantile Co.	126.68	Click, Burt.	22.50
Chowning, J. W.	5.00	Cliff Mercantile Co.	5.10
Christensen, Alma.	46.50	Clifford, E. W.	60.50
Christensen, Chris.	47.62	Cline, A.	177.00
Christensen, R. M.	33.16	Cline, Huston.	10.00
Christensen, Grover.	13.75	Clogston, George M.	67.50
Christensen, James.	40.00	Close, W. H., & Hyde, W. J.	325.00
Christensen, John, Co.	166.16	Cloud Dodge Co.	226.60
Christensen, John, Hardware Co.	81.66	Clouderoft Commercial Co.	80.78
Christensen, Jas. C.	38.25	Cloverdale Mercantile Co.	2.20
Christensen, J. P.	2.00	Cluff, G. Paul.	35.00
Christensen, Peter.	6.00	Clugston, C. G.	12.52
Christian, Robt.	17.85	Clyde, E. Y.	10.00
Christiansen, Aaron P.	79.25	Coats, Edward.	52.00
Christiansen, John.	11.25	Coates & Moore.	2.05
Christiansen, Joseph A.	73.75	Cobb, A. L.	19.75
Christiansen, N. W.	55.00	Cobb, W. N.	51.03
Christman, Chas.	70.00	Cochran, Fred.	5.00
Christman, F. M.	2.85	Cochran, H. A.	225.00
Christopherson, Alexis.	33.75	Cochran, Ted.	49.50
Christopherson, Chris.	34.87	Cochran, W. F.	39.29
Christopherson, N. J.	5.00	Cochrane, E. R.	15.00
Ching, W. S.	3.50	Cody Trading Co.	424.01
Chuning Mercantile Co.	99.33	Coeur d'Alene Hardware Co.	74.66
Church, A. E.	22.00	Coffelt, L. L.	9.10
Church, J. V.	31.00	Coffey, Ed.	24.75
Churchill, Eugene.	95.00	Coffin, G. H.	40.10
Churchill, F. H.	94.98	Cohen, William M.	30.00
Churchill Hardware Co.	330.96	Cohen & McDevitt.	6.50
Circle, S. W.	24.00	Cokeville Livery Co.	10.00
Citrus City Lumber Co.	252.78	Cokeville Mercantile Co.	197.20
City Meat Market.	50.36	Colby, Fred.	...75
City Planing Mill.	25.02	Cole & Cutcomb.	25.45



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Cole, Dan.....	\$312.50	Cooley, J. A.....	\$35.48
Cole, Dexter E.....	72.00	Cooley, Seth S.....	196.52
Cole, Harry.....	38.00	Coombs, Arthur.....	45.00
Cole, H. D.....	74.00	Coon, J. W.....	51.14
Cole, Lynton.....	78.00	Cooper, C. O.....	66.69
Cole, Wm. S.....	7.50	Cooper, George.....	49.00
Coleman, Frank.....	60.00	Cooper, Herbert.....	25.00
Coleman, Peter.....	100.00	Cooper, H. C.....	118.00
Coleman, Sam.....	25.70	Cooper, John P.....	31.00
Coleman, Walter P.....	21.37	Cooper, Martin & Co.....	50.68
Collett, J. B.....	3.50	Cooper, Pyper & Co.....	12.25
Collet, Mike.....	47.50	Cooper, R. M.....	74.24
Colley, R. L.....	210.46	Cooper, Thos.....	19.12
Collier, L. H.....	5.00	Cooper, W. E.....	10.60
Collins, A. L.....	56.25	Coors Lumber Co.....	11.25
Collins, H.....	26.25	Copenhagen, Thomas.....	554.00
Collins, Joe.....	26.25	Copper City Commercial Co.....	38.94
Collins, John.....	11.00	Copper Queen Consolidated Mining Co.....	263.51
Collins, James W.....	39.38	Corbett, J. Knox, Lumber Co.....	268.51
Collins, John W.....	64.12	Corbett, W. J.....	180.02
Collins, W. C.....	4.50	Corey, Clair.....	5.25
Collman, F. G.....	15.00	Corey, C. E.....	42.00
Colorado Midland Ry. Co.....	6.00	Corey, C. W.....	43.75
Colorado Telephone Co.....	68.69	Corey, L.....	49.50
Colquhoun Hardware Co.....	72.87	Cork, S. H.....	15.00
Colton, Marion.....	60.00	Corlett, E. C.....	3.00
Columbia River Lumber Co.....	44.70	Cornell, E. H.....	40.00
Colvin & Reece.....	11.00	Cornette, Richard.....	114.00
Coma, Sebastin.....	64.25	Coron-Booth Hardware Co.....	80.86
Combs, Roy.....	47.00	Coronna, Antonal.....	9.36
Conger, Leonard.....	46.10	Correy, S. D.....	33.70
Compas, Manual.....	59.00	Corrillo, Jop.....	56.00
Comstock, Chas. W.....	2.00	Cortez, Fermin.....	16.50
Compton, Caviness & Co.....	11.00	Cortez, Santiago.....	14.30
Conant, L. D.....	23.00	Coryell, W. A.....	20.00
Conde, Joe.....	57.00	Cosgrove, E.....	552.85
Conde, J. D.....	146.25	Costa, John, Co.....	57.25
Cone & Kimball Co.....	92.26	Costelloe, Rivis.....	35.00
Cone Mercantile Co.....	4.75	Cottam, Chas. S.....	46.87
Confer & Sons.....	10.50	Cotton, Jack.....	80.00
Conger, C. W.....	12.50	Cottonwood Lumber Co.....	69.27
Conger, J. W.....	51.25	Coty Bros.....	6.00
Conger, T. L.....	51.25	Couch, J. O.....	10.53
Congdon, W. H., & Son.....	37.00	Couch, W. F.....	7.50
Conklin, W. E.....	481.01	Couchman, C. B.....	17.10
Conlon Mercantile Co.....	1,227.56	Couchman, James.....	6.00
Conn, Virgil.....	6.00	Coulson Bros.....	3.35
Connolly, Roy C.....	49.00	Coulson, Frank.....	43.40
Connell, E.....	23.00	Coumbs, J. H.....	1.40
Connor, Harvey.....	143.75	Council, Eva.....	11.25
Conoboy, Mike.....	1.00	Countryman, A. R.....	3.20
Conrad, Mrs. A. P.....	10.00	Coverdale, Marion D.....	25.00
Conrad, Fred.....	7.50	Covert, William.....	20.00
Consalus, Fred.....	36.00	Cowdell, E. E.....	3.30
Consolidated Land & Lumber Co.....	286.26	Cowell, J. A.....	8.00
Consolidated Wagon & Machine Co.....	168.83	Cox, Alfred.....	11.00
Contreras, Perfeto.....	15.00	Cox & Brown.....	3.25
Contreras, Ramon.....	7.50	Cox, F. W.....	73.50
Converse Bros.....	37.73	Cox, John.....	9.00
Conway, Jim.....	36.50	Cox, S. W.....	13.00
Conway, James H.....	5.00	Cox, Warren.....	441.97
Cook, Bailey.....	5.00	Cox, W. S. (Inc.).....	244.83
Cook, Ike.....	34.00	Coy, H. G.....	127.30
Cook, Joe.....	1,350.07	Coy, Sid.....	10.50
Cook, A. T., Lumber Co.....	54.63	Coyer, John.....	37.12
Cook, Marvin.....	1.50	Cozad, A. E.....	6.00
Cook, M. F.....	11.75	Crab Creek Lumber Co.....	50.00
Cook, Wm. A.....	15.95	Crabill, Geo. C.....	28.75
Cook, Warren E.....	424.00	Craig, S. S.....	95.00
Cooks Mercantile Co. (Inc.).....	73.68	Cram, George S.....	33.75
Cooley, Ed.....	28.75	Cram, H. P.....	56.00
Cooley, Earnest F.....	21.25	Cramer Bros.....	4.20
Cooley, Harold.....	22.00	Cramer, Elmer.....	37.53

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Cramer, O. A.	\$23.17	Current, James H.	\$35.01
Crandall, J. A.	9.20	Curvin, G. A.	21.25
Crandell, J. W.	6.25	Curtin, John	120.12
Crane, B. G.	19.75	Curtis, Jones	42.50
Crane, Eugene	90.75	Curtis, J. B.	37.00
Crane, Herod	55.00	Curtiss, L. B.	21.25
Crane, Jay	14.00	Curtiss Lumber Co., The	107.69
Crane, James F.	130.25	Curtis, Roy	15.00
Crane, R. G.	15.24	Curtis, W. L. & George H.	350.00
Cranmer, Elmer	6.00	Curtis, W. T.	12.75
Cranston Bros.	18.55	Cusack, Reginald	30.00
Crater Lake Highway Commission	200.00	Cushing, D. J.	1.00
Craven, Albert J.	8.75	Custer Commercial Co.	1.85
Crawford, The Drug Co.	7.40	Custer, J. W.	7.60
Crawford, J. J.	6.00	C. W. & M. Co.	27.30
Crays & Iler	2.40	Dagg, Wm. H.	45.68
Creede Lumber Co.	93.40	Dagle, D.	7.50
Crescent Lumber Co.	524.64	Daley, Harry	4.00
Crescenzo, J. A.	26.75	Dale, Eli	328.75
Creswell, R. C.	48.15	Daley, Edmore	42.50
Crews, John	19.50	Daley, Graham	27.50
Crichton, J. M.	110.00	Dalton, Heber	57.00
Crispin, Pablo	13.08	Dalton & Clifford	58.10
Crismon, F. L.	175.00	Damas Machine Works	47.50
Critchfield, Q. B.	29.00	Dance, James M.	100.00
Crittenden, H. A.	7.75	Daniel, G. D.	30.00
Crocker, J. P.	35.66	Daniels, Chas.	60.00
Crocker, S.	109.14	Daniels, Geo.	66.00
Crockett, J. I.	11.38	Danley, A.	9.00
Cromwell, Mary J.	135.00	Danley, Homer	9.00
Cromwell, W. D.	1.50	Danner Co., J. C.	21.75
Cronin, Dan J.	32.50	Darbey, A. E.	100.00
Crook, Wm. H.	14.30	Darby, B. F.	56.00
Crooks, Charles	7.00	Darby, W. L.	.40
Crosby, B. B. & Co.	24.00	Darling, Tom R.	6.00
Cross, Charles A.	177.38	Darlington, J. A.	32.50
Cross Hardware Co.	12.95	Darlington, W. T.	25.00
Cross Lumber Co.	26.35	Darnell, H. O.	36.75
Crossley, Harry	340.00	Darrah, H. W.	17.32
Crossley, Thos.	14.00	Darrington Store, The	80.12
Crosson, H. L.	4.00	Dastrup, Albert	4.30
Crouch, A. L.	68.75	Davenport, Claude	50.00
Crouch, S. B.	283.06	Davenport, Joseph	118.50
Crow, George	3.95	Davenport & Co.	8.39
Crow, Glen H.	6.00	Davey, H. M.	2.50
Crowder & Doyle	6.56	David, Y. Zana	55.50
Crowley, Frank B.	99.58	Davidorich, John	6.00
Crosford, Harry	11.75	Davidson, Chas.	8.82
Crumley, Henry	5.25	Davidson, Jesse	6.00
Crunk, John	54.00	Davidson, William	106.25
Cruz, Jose	27.50	Davidson, Mrs. Wm.	27.00
Cuff, Ivan A.	64.75	Davidson, Wm. A.	105.00
Culmer Paint & Glass Co.	26.20	Davies, Frank	12.00
Culbertson, Albert	58.75	Davies, Thos. W.	4.00
Culbertson, W. F.	19.35	Davila, Juan	12.00
Culver, E. T.	26.25	Davis, B.	61.00
Culver, F. J.	26.00	Davis, Charles	7.50
Culver & Co., J. F.	1.00	Davis, C. E.	61.80
Cummings, A. A.	47.50	Davis, Ed.	10.00
Cummings, Henry	18.00	Davis, Elmer C.	22.00
Cummings, H. L.	4.50	Davis, E. F.	5.83
Cummings, L. E.	21.00	Davis, Frank	27.55
Cunningham, Alonzo	23.75	Davis, Frank O.	45.00
Cunningham Bros.	33.00	Davis, Glee	23.06
Cunningham, Bert	70.00	Davis & Son, G. C.	3.00
Cunningham, Earl	10.00	Davis, Harry	75.09
Cunningham, E. M.	31.00	Davis, Henry	26.25
Cunningham, J. M. & Co.	30.25	Davis, Homer	40.56
Cunningham, Orville	12.50	Davis, James	70.00
Cunningham, Ross	23.75	Davis, Joe	97.00
Curl, Frank H.	59.00	Davis, John	45.00
Curnow, B. J.	349.60	Davis, John L.	25.00
Curran, D. T.	60.49	Davis, K. T.	85.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Davis, R.	\$12.48	Denver Gas & Electric Co.	\$25.50
Davis, R. L.	5.00	Denver Reservoir & Irrigation Co.	15.00
Davis, S. C.	84.44	De Silva & Co., H. G.	243.52
Davis, Walter L.	24.50	De Silva, M.	10.00
Davis, W. L.	161.50	De Silva & Ferris Co.	7.15
Davison, J. M.	196.00	Deter, David	111.35
Dawson, R. W.	5.25	Detwiler, Geo. H.	18.00
Dawson Lumber Co.	72.77	Devan, A. J.	11.50
Day, Alf.	4.00	Devenpeck, Thomas.	34.37
Day, A. P.	73.75	Dewald, Henry P.	15.63
Day, E. S.	12.50	Dewell, Ray D.	45.15
Day, George E.	101.00	Dewell, Scott.	18.00
Day, H. A.	25.00	Dewey, Geo. A.	67.01
Day, John	54.02	Dewey, Kent.	3.00
Day, K. M.	3.30	Deyo, Joe.	190.75
Day, Rod S.	.75	Dial, Ed.	30.00
Dayton Mercantile Co.	9.60	Dial, Porter.	30.00
Daze, Chas.	1.00	Diamond Match Co.	204.97
Dean, A. R.	40.68	Dias, A. J.	4.60
Dean, Bernice	31.88	Diaz, Ed. J.	6.00
Dean, B. W.	36.25	Diaz, Lucas.	125.00
Dean, G.	159.62	Diaz, Miguel	126.00
Dean, G. L.	65.20	Diaz, Susano	128.00
Dean, James W.	15.00	Dicert, N. S.	24.00
Dean, Omer	166.58	Dickens, Frank	10.00
Dean & Brown Mercantile Co.	30.60	Dickey, W. R.	1.00
Deane, George	80.00	Dickinson, Leslie	56.00
Deanhan, R.	61.37	Dickinson, Mrs. M. J.	20.30
Dearborn, O. E.	7.00	Dickinson, P. C.	12.50
Deardorff, J. H.	58.50	Dickson, Ed.	14.13
De Arment, J. C.	225.47	Dickson, Miss A.	30.00
De Armond, L. A.	2.00	Dickson, D. S.	12.95
Debbechand, Frank	95.75	Dickson, Edmond D.	30.94
Debitt, R. M.	72.00	Dickson, E. A.	1.00
De Caigney, Camiel	50.19	Diefenderfer & Dinwiddie.	3.50
Deck, Ernest	27.12	Dierks Lumber & Coal Co., John.	621.30
Decker, Harry J.	82.50	Dietzel, George	2.75
Decker, John	16.25	Dilday, John	5.00
Decker, Will.	2.77	Dilley, Claud	3.00
Degenhart, Lee C.	7.00	Dillon, E. A.	189.00
Deisenroth, Peter	5.00	Dillon, Harley	168.10
Deitlof, Herman	180.00	Dillon, Wm.	140.00
Delaney, J. J.	50.00	Dils, John.	22.00
Delaney, Peter.	25.20	Dilts, Wm. A.	15.50
De Laney Co., A. J.	208.13	Di Maulo, Emilio	6.25
De Lano, Mark P.	11.00	Dimick, M. S.	47.50
De Lano, Thomas P.	27.50	Dimick, Charles.	24.75
Delbridge, Claud B.	80.00	Dinn, C. A.	12.00
Delgado, Lorenzo	2.50	Dinsmore, A. C.	17.50
Delgalillo, Maganto	2.25	Disbrow, Mrs. Dan	35.00
Del Norte Lumber Co.	331.31	Disemith, Peter.	5.00
Deloney, Chas.	597.63	Dishman, Earl R.	42.50
De Long, Charles.	22.05	Ditsworth, J. F.	4.50
Delray, Fred.	10.00	Divide and Gillonsville Stage Co.	6.00
De Mandel, F. O.	252.50	Dixon, John.	7.50
De Masters, R. L.	12.20	Doak, Wm. E.	5.00
De May, Frank	20.00	Dobson, Clarence	13.50
De Moisy, Charles	168.00	Dobson, Floyd	23.00
De Mose, Lee.	7.90	Dockery, J.	120.37
De Moss, R. W.	12.00	Dodd, T. F.	68.76
Dempsey, L. D.	12.97	Dodds, Elmer.	104.50
Dempsey & Vickrey	21.14	Dodds, E. M.	177.50
Denchy, D. S.	45.52	Dodds, Fulton	14.00
Denney, Orville	29.94	Dodge, Maurice E.	157.50
Denning, A.	104.44	Dodge, M. E.	124.00
Dennis, H. J.	55.00	Dodge, Mrs. W. S.	7.50
Dennis, J.	308.75	Doenges, C. H.	51.96
Denny, A. S.	3.00	Dolan, Bernard	161.38
Denny, Mrs. B.	4.50	Dolbeer, A. P.	3.25
Denny, J. S.	3.00	Dolittle, Arthur.	180.00
Denny, Sherman.	1.00	Doll Bros. & Smith.	19.15
Denny-Bar Co.	337.82	Dolores Lumber Co.	254.51
Denver & Rio Grande R. R. Co.	6.40	Domgose, Jose M.	47.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Dominguez, Jose.....	\$5.00	Dunbar, S. A.....	\$44.00
Dominick, Charles.....	65.00	Dunbar, Thomas.....	12.50
Donahoo, Emmons & Co.....	14.40	Duncan, A. C.....	15.54
Donahue, Harry.....	109.69	Duncan, Ed.....	250.50
Donahu, John W.....	3.00	Duncan, Ernest E.....	172.75
Doney, S. L.....	4.00	Duncan, Frank.....	76.00
Dayton, Donica.....	296.50	Duncan, George.....	24.00
Donnally, Frank.....	137.50	Duncan, George P.....	208.50
Donni, Walter.....	46.13	Duncan, Guy H.....	63.75
Donovan, R. L.....	2.50	Duncan, G. H.....	21.00
Doody, Dan.....	15.00	Duncan, John.....	73.12
Doran, D. J.....	28.00	Duncan, Oral.....	6.00
Dorgan, Pierce.....	110.00	Duncan, W. B.....	139.00
Dorrell, W.....	5.00	Dunham, Carrigan & Hayden Co.....	91.40
Dorins, Wilford.....	66.25	Dunlap, A. M.....	97.50
Dorman, Dan.....	40.00	Dunn, Charles T.....	31.53
Dorman, John W.....	59.96	Dunn, E. G.....	10.50
Dorr, Louis H.....	5.52	Dunn, H.....	55.00
Dorra, Joe.....	35.00	Dunn, James.....	87.00
Dorris, Maron.....	17.50	Dunn, Levi S.....	21.00
Dorris-Heyman Furniture Co.....	30.00	Dunn, W. J.....	9.00
Dorsch, H. G.....	43.07	Dunn Hardware Co.....	2.79
Dorset, Arthur.....	50.00	Dunn, Miller Hardware Co.....	21.30
Dostal, J. F.....	9.70	Dunning, Grant.....	8.25
Doten, Paul W.....	1.00	Dunning, L. E.....	25.65
Dougherty, Geo.....	23.75	Dunnison, C. L.....	44.87
Douglas, Edward T.....	25.00	Duquesne Mining & Reduction Co.....	41.61
Douglas, Matt.....	10.50	Duran, Jose.....	16.35
Douglas, S. A.....	82.50	Durango Planing Mill & Lumber Co.....	23.74
Douglas, U. G.....	106.25	Durfey, W. A.....	47.80
Douglas Hardware Co.....	54.04	Durgan, James.....	16.00
Douglas Lumber Co.....	294.92	Durin, Chas. T.....	5.00
Douglass, Ernest.....	12.75	Durkee, Paul.....	45.37
Douglass, Frank.....	42.50	Durkheimer, M.....	349.80
Douglass, John.....	5.00	Durning, John.....	150.00
Dow, E. E.....	142.56	Durst, J. W.....	750.00
Dow, G. W.....	1.73	Dustin, B. O.....	2.50
Dow, Wm. D.....	67.40	Duval, E. W.....	10.25
Dow & Brackney.....	369.00	Dyer, A. G.....	136.00
Dowell, Alop.....	21.55	Dyer, James.....	6.00
Dowling, J. J.....	10.45	Eades, Grant.....	115.00
Downey, L. P.....	5.00	Eagar, Dave.....	9.00
Downville Stage Co.....	3.00	Eagle Creek Pine Lumber Co.....	29.20
Downing, L. A.....	1.70	Eagle Feed, Fuel & Supply Co.....	8.46
Downs, A.....	8.75	Earhart Co., The D. C.....	184.89
Doyle, J. M.....	11.05	Earl, John.....	189.98
Doyle, Morgan.....	74.00	Earl, Sidney.....	48.00
Doyle, Richard.....	18.00	Earl, William.....	64.00
Drake, Charles.....	73.75	Earl Transfer Co.....	9.00
Drake, H. B.....	59.50	Earley, Frank.....	23.62
Drake, Oscar.....	20.00	Early, Mrs. J. H.....	21.20
Drakenburg, Albin.....	37.50	Early, Scott.....	4.50
Dray, Ed.....	32.18	Earnest, J. F.....	3.60
Drew, Frank.....	19.00	Eastman-Teller Hardware Co.....	39.00
Drew, Leslie F.....	57.25	Eaton, H. A.....	3.70
Driggers, Francisco.....	43.75	Eaton, Vernie.....	30.00
Driggs, Clarence.....	102.00	Elmer, Ebach.....	45.43
Driggs, Mack.....	102.00	Eberl, J. W.....	36.00
Driskell, Edmund B.....	32.50	Ebers, Robert.....	45.80
Droney, E. J.....	9.00	Eccles, T. J.....	62.00
Drorbaugh, L. L.....	22.50	Eccles Lumber Co.....	59.74
DuBois, C. A.....	5.00	Echeer, Max.....	12.00
Dudley, F. D.....	94.30	Ecls, H. J.....	4.40
Dudley, W.....	168.00	Eckert, W. A.....	49.00
Dudrow, C. W.....	7.30	Eckis, D. O.....	28.00
Duffy, Joe.....	73.12	Eckman, Frank.....	5.82
Dufryn, Harry.....	11.50	Economy Market.....	61.88
Dugan, Dan.....	20.00	Eddy, Lindley.....	12.50
Dugan, John R.....	55.57	Edelmann, F. G.....	5.45
Duley, G. W.....	10.00	Edge, B. P.....	2.85
Dunagan, C. O.....	24.60	Edge, J. A.....	51.63
Dunbar, B. M.....	2.50	Edge, J. P.....	18.37

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Edgington, J. G.	\$146.12	Engels, H. L.	\$556.00
Edgmand, T. K.	74.50	England, H. F.	90.30
Edmondson, Charles A.	14.36	Engler, William.	74.00
Edmunson, M. G.	29.75	Engles, E. R.	21.00
Edwards, A. J.	3.00	English, Ned.	138.37
Edwards, Charlie.	19.13	English, Robt.	56.29
Edwards, Claud.	4.50	English, Vincent.	48.00
Edwards, Eli.	100.50	English & Donaghe.	14.32
Edwards, Joe.	12.20	Engster, Ed.	109.50
Edwards, P. L.	40.00	Enos, Ralph.	140.00
Edwards, Thomas.	356.00	Enguist, George.	36.75
Edwards, William.	162.85	Ensign, E. R.	140.00
Edwards, W. J.	40.00	Enterprise Grocery Co.	79.16
Effinger, Louis.	5.00	Enterprise Mercantile & Milling Co.	62.99
Eggers, William.	160.00	Engor, E. F.	6.75
Eggington, Robert.	85.50	Eoff and Cantrell.	3.78
Ehle, Frank A.	30.84	Epley, G. L.	17.50
Elbeshtz, A. W. & J. E.	17.90	Eplin, Neil.	26.00
Elde, I. O.	99.00	Eplin, W. A.	4.68
Elk, H. J.	9.65	Eppler, Jesse.	20.45
Elmers-Wood Co.	21.50	Erb Bros. (Ltd.)	35.00
El Dorado Lumber Co.	151.23	Erickson, Walter.	106.75
Elephant Livery Stable.	12.00	Erikson, John A.	52.00
Elizondo, Bonifacio.	73.00	Everra, E.	21.00
Elk Creek Lumber Co.	100.99	Ervin, Wm. W.	15.00
Elkins, C. W.	7.00	Escalante Co-Op.	3.24
Elkins Co., C. W.	3.25	Escobar, A.	17.00
Filkins, Mrs. K.	15.00	Escobar, M.	15.00
Elko Lumber Co.	401.44	Espanola Mercantile Co.	221.74
Elkota Live Stock Co.	1,173.85	Espelin & Warren.	4.65
Elery, Mrs. E.	2.50	Espinocia, Florencia.	14.00
Elling & Co., Henry.	17.14	Espinosa, Ben.	34.08
Elliot, Chas. E.	233.75	Espinosa, J. G.	6.25
Elliott, E. J.	62.00	Espinosa, Santos.	6.08
Elliott, E. R.	364.25	Estacada Mercantile Co.	14.80
Elliott, G. W.	25.50	Estancia Lumber Co.	7.20
Elliott, John.	3.55	Estes, Lee.	6.00
Elliott, L. H.	48.00	Estrado, Sostars.	36.00
Elliott, S. J.	40.50	Esworthy, W. H.	107.20
Ellis, Elmer.	3.50	Eureka Lumber Co.	28.05
Ellis, George.	52.00	Evans, A. Jay.	4.00
Ellis, Hamilton D.	4.00	Evans, David.	95.50
Ellis, H. B.	192.37	Evans, D. C.	18.75
Ellis, Joe.	76.00	Evans, Ed.	100.00
Ellis, John M.	187.00	Evans, Henry.	56.25
Ellis, J. W.	45.00	Evans, Jasper.	7.00
Ellis, U. E.	47.01	Evans, Sweet S.	10.50
Ellis, Victor F.	186.32	Evans, W. E.	1.43
Ellis, William.	31.00	Evans & Johnson Co.	7.18
Ellis, W. H.	26.00	Evason, Walter.	21.00
Ellis Bros.	36.52	Everest, Harry.	8.25
Ellis-Forde Co., The.	297.97	Everett, Benjamin.	11.39
Ellison, C. G.	67.50	Everett, B. C.	56.15
Ellsworth, C. T.	40.00	Everett, Kyle & Epperly.	30.25
Ellsworth, Elmer.	35.00	Everson, E. O.	160.00
Elmore, Jim.	23.25	Everton & Sons.	6.60
Elms, F. T.	21.00	Ewing, W. A.	19.50
Ely Hardware Co.	7.76	Eynon, J. L.	399.00
Ely Lumber & Coal Co.	445.05	Eynon, Lew.	83.00
Embody Lumber Co.	20.00	Ezell, J. W.	15.00
Emhiser, Frank.	12.00	Ezell, T. H.	51.61
Emerson, D. M.	18.00	Fadely, P. M.	5.25
Emerson, Frank W.	28.10	Fahland, Gus.	66.25
Emerson, Lee.	173.75	Fail & Huntington Mercantile Co.	28.55
Emery, J. B.	26.72	Fail, Wm.	4.50
Emery, W. A.	17.50	Fairbanks, Morse & Co.	209.69
Empey, Heber.	5.00	Fairchild, C. C.	50.30
Empire Copper Co.	15.00	Fairview Cooperative Mercantile Co.	206.60
Emswiler, S. J.	7.50	Falaken, Jem.	7.00
Endner Lumber Co.	59.05	Falbo, Guy.	42.50
Engals, George.	17.75	Falconberg, R. L.	85.00
Engelhart, W. M.	487.15	Faler, Arthur.	59.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Falk Mercantile Co. (Ltd.).....	\$17.46	Ferrier, H.....	\$18.00
Falkenberg, C. W.....	164.37	Ferriss, W. W.....	30.00
Fallin, John J.....	9.04	Ferro, M.....	2.00
Fandango Lumber Co.....	53.05	Ferro Machine & Foundry Co.....	16.10
Farber, George.....	78.99	Ferry, Chas.....	80.00
Farleigh, J. W.....	5.90	Ferry, C. M.....	116.75
Farley, Emmet.....	42.50	Fewkes, W. C.....	118.65
Farley, John M.....	9.25	Fick, H. J.....	64.25
Farley, Peter.....	9.63	Fidelity Lumber Co.....	764.15
Farlis, J. S.....	12.60	Field, M. E.....	169.70
Farm Commercial Co.....	5.00	Felder, Herbert A.....	1.25
Farmer, John W.....	5.00	Fields, Grover.....	48.00
Farmer, Joseph.....	8.00	Fields, R. C.....	153.40
Farmer's Protective Association.....	30.10	Figora, Jose.....	47.25
Farnsworth, T. L.....	44.00	Figone, John.....	13.50
Farrah, Otis.....	12.00	Figueroa, Francisco.....	14.00
Farrell, Frank.....	80.25	Filion Mill & Lumber Co.....	23.50
Farrell, G. H.....	53.00	Filley, Ernest.....	53.00
Farrell, Harry.....	6.50	Finch, Emery J.....	21.95
Farrell, Thomas.....	3.00	Finch, Max.....	34.00
Farrell, William.....	22.75	Finding Hardware Co.....	42.00
Farrell Lumber Co.....	80.75	Fine, E. Ray.....	94.25
Farrington, Frank.....	143.00	Finlay-Pratt Hardware Co.....	95.33
Farrington, J. L.....	31.92	Finley, A. M.....	5.00
Farris, D. M.....	141.03	Finley, Herbert.....	4.00
Farris, Mrs. D. M.....	43.34	Finley, Joshua.....	15.00
Farrow, B. W.....	15.00	Finnerty, G. E.....	12.47
Fashion Stables.....	8.00	Finnicum, J. F.....	28.75
Fassett, L. L.....	15.80	Finnicum, W. S.....	75.00
Fataken, Jem.....	45.75	Firguson, B. C.....	34.00
Faubion, Frank.....	102.50	Firth, Thomas.....	2.86
Faubion, Joe.....	64.00	Firwood Lumber Co.....	3.83
Faubion, J. W.....	32.00	Fischer, William.....	2.50
Faubion, W. S.....	32.00	Fiscus, W. S.....	39.97
Faubus, Sam.....	10.00	Fish, Mahouri L.....	66.25
Faulconer, James L.....	30.00	Fish & Hunter Co.....	4.50
Faust, E. D.....	9.45	Fish, W. H.....	141.25
Faust, John H.....	9.50	Fisher, August.....	75.00
Faust, J. D.....	48.00	Fisher, Frank.....	84.50
Fawcett, G. G.....	177.50	Fisher, Frank G.....	50.00
Fay, Earl.....	6.50	Fisher, Gail.....	40.00
Fay, John.....	161.87	Fisher, Geo. D.....	5.25
Fear, J. W.....	1.25	Fisher, G. M.....	3.00
Feary, Charles J.....	252.69	Fisher Glassford Hardware Co.....	383.72
Feehan-Simmons Co.....	22.10	Fisher, J. A.....	7.88
Feirl, Nelson.....	4.50	Fisher, Lysle.....	28.00
Feliz, Frank.....	40.00	Fisher, Nellie.....	8.00
Felt, Frank B.....	7.35	Fisher, Thorsen & Co.....	36.75
Felt, John.....	43.05	Fisher, Victor.....	69.00
Felch, Fred.....	32.85	Fisher, M. D.....	8.75
Fender, C. F.....	14.37	Fiske, Fred.....	71.25
Fender, W. G.....	4.12	Fitzgerald, George.....	8.25
Fenn, George.....	77.80	Fitzgerald, John.....	2.00
Fenn, L. A.....	182.50	Fitzhugh, James.....	6.85
Fenn, Rhoda.....	121.67	Fitzpatrick & Nicholson.....	18.00
Fennel, Frank.....	31.50	Fitzpatrick, William.....	33.09
Fenske, A. J.....	170.91	Fix, Marion.....	5.00
Fenstead, M.....	7.87	Flagstaff Cash Grocery.....	45.85
Fenton, P. A.....	156.00	Flake Bros.....	72.28
Peree, George.....	92.12	Flanders, Geo. W.....	16.08
Ferguson, C.....	49.00	Flathead Commercial Co.....	4.50
Ferguson, George.....	78.37	Fleming Bros.....	70.30
Ferguson, Mrs. J. A.....	19.30	Fleming, Dock.....	23.00
Ferguson, Peter A.....	51.00	Fleming, J. F. & Co.....	47.05
Ferguson & Son.....	10.60	Fleming, Ralph.....	11.87
Fernando Improvement Co.....	21.01	Fletcher, A. E.....	96.50
Ferran, Isidore.....	49.00	Fletcher, E. L.....	60.00
Ferran, Willie.....	8.39	Fletcher, James.....	8.00
Ferree, A. B.....	5.00	Flevelling, John.....	1.00
Ferrell Lumber Co.....	47.03	Flood, Joe.....	25.37
Ferren, James.....	800.00	Flood, Lige.....	6.44
Ferrell's Department Store.....	8.30	Flood, T. N.....	20.62



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Flook Co., The J. G.	\$3.00	Free, Chas. F.	\$40.00
Florin, Herman	144.87	Freeburn, Charles	110.00
Flowers, T. W.	37.50	Freelove & Bro., H. E.	78.52
Floyd, Richard	38.00	Freelove, H. S.	45.00
Fluharty, Lee	160.00	Freeman, Frank L.	300.00
Flynn, O. H.	150.00	Freeman, James	35.75
Fobes Supply Co.	5.37	Freeman, Oliver	14.00
Foerster, Paul	50.00	Freeman, Ross L.	50.00
Foley, Robert	21.00	Freidenrich Co. (Ltd.), Alex	12.35
Follows, R. M.	3.50	Freidenrich, Leo	18.85
Footo, Ray	15.75	Fremont Lumber Co.	312.50
Footo, Robert	63.00	Fresno Plume & Lumber Co.	78.77
Footman, William	3.35	Fresques, Alfredo	6.56
Force & Rogers	9.00	Fresquez, Salemon	6.56
Ford, Fred	6.00	Frew, George	27.50
Ford & Lee	126.75	Friar Bro.	14.25
Ford, L. N.	33.75	Friddles, R. E.	50.88
Ford, L. W.	34.50	Friedelein, Wm	13.50
Ford & Ford Co.	29.00	Friedorff, M. W.	49.40
Foreman, Ed.	514.50	Friel, J. T., jr	5.45
Forest Lumber Co.	42.00	Friel, Vincent	22.75
Forman, Paul B.	17.50	Friemel, W. A.	120.00
Forsyth, Chas.	3.50	Friese, O. L.	18.00
Forsyth, John W.	99.00	Friese, Victor A.	27.73
Forsyth, Niels	28.12	Frink, Jas. A.	19.00
Forsyth, W. R.	12.42	Friskie, M. P.	42.00
Fort Collins Hardware Co.	37.90	Fritts, Andrew J.	53.25
Fortin, Eddie W.	73.00	Fritts, Charley	40.00
Fortman, C. H.	3.85	Fritts, Charles W.	107.50
Fosciano, Julio	7.00	Fritz & Jacobs	14.45
Foss, Henry A.	108.00	Fritz, C. Joe	20.00
Foster, Ed.	65.50	Fritz, J. J.	77.62
Foster, F.	10.25	Frizell, Geo.	3.10
Foster, Frank	235.12	Froelich, C.	15.00
Foster, Joe	27.00	Froehlich, Wm.	3.15
Foster & Christian	38.39	Frohmader, Bert	47.25
Foster Bros.	6.30	Fronk, George	10.00
Foster, Louis G.	18.56	Frost, Daniel	5.50
Foster, R. O.	7.50	Frost, J. E.	73.25
Foulks, Randolph	14.00	Frost, S. R.	17.75
Fouts, Lou	125.00	Frost, W. E.	10.00
Fowler, A. J.	50.00	Frost, W.	41.00
Fowler, Ralph	6.75	Fry, Clinton	18.00
Fox, E. W.	24.50	Fryar, Frank	18.80
Fox, Howard	39.37	Fuchs, John	5.00
Fox, J. W.	62.20	Fulkerson, H. E.	178.75
Fox, Roy	25.00	Fulketh, J. M.	4.00
Fox, N. J.	27.00	Fuller, J. O.	16.00
Foy, M. Wm., jr.	144.76	Fuller, O. L.	11.25
Francis & Givens	90.00	Fuller, A. R.	5.00
Francis, Joseph	13.43	Fuller Drug Co., The	3.05
Francis, W. G.	30.00	Fullmer, H. D.	202.45
Frank, P. P.	10.00	Fulstone & Frederick	4.20
Frank, Geo.	85.75	Funk, Harry	21.00
Frank, E.	7.50	Funk, John	5.00
Franklin, L. F.	23.90	Funk & Co., W. J.	19.75
Franklin, Perry	17.50	Fullington, R. P.	24.00
Franklin, W. M.	6.66	Furgerson, O. O.	38.90
Fransham, W. J.	12.00	Furland, Sam	194.61
Franz Lumber Co.	56.91	Furlong, E. O.	43.50
Fraser Lumber Co.	77.44	Furlong, Peter T.	9.00
Frastur, James	72.00	Fyot, William	42.75
Fraughton, Virgil	21.50	Gabrieli, John	60.00
Franlob & Co., J. A.	14.70	Gaddis & Dixon	52.80
Frazer, George, jr.	12.50	Gaetz, Chas. L.	7.00
Frazier, W. L.	10.00	Gage, J. W.	25.00
Frew, John	28.00	Gage, W. A.	25.00
Freym, E. W.	42.00	Gagnon, Frank	68.00
Freym, Geo. W.	41.14	Gahn, Andrew	45.00
Freym, H. A.	48.13	Gaither, Horace	3.00
Freym, W. R.	37.50	Galbraith, A.	33.00
Freytag, Chas.	43.08	Galbraith, J. W.	65.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Gale, W. B.	\$20.00	Gerard, Loyd	\$32.50
Gallagher, F. C.	390.75	Gerber, H. E.	4.06
Gallagher, Ray	88.50	Gerber, Paul	9.18
Gallatin Lumber Co.	3.60	Gerity, R. L.	122.50
Gallegos, Pedro	25.50	Gerke, Fred	4.70
Gallogly, James	10.00	Germann, J. W.	24.70
Galloway, S. S.	21.25	Ghidotte, Sherwood	21.00
Galloway, William E.	105.00	Gibbel, I. B.	65.72
Gamboa, Patricio	11.37	Gibbs Bros.	.60
Gannon & New	.75	Gibbs Co., J. L.	38.31
Ganonnig, E.	30.50	Gibbs, W. J.	42.62
Ganshirt, Charles	120.00	Gibford, H. F.	15.00
Garamillo, Merced	74.50	Gibler, Oscar	103.38
Garberson, John	6.00	Gibson Lumber Co.	21.15
Garby, Dell S.	150.00	Gibson Lumber & Mercantile Co.	71.35
Garcia, Alfredo	24.00	Gibson, Wm.	20.00
Garcia, Antonio	13.00	Giesendorfer, G. M.	16.95
Garcia, Carlos	5.00	Gifford, C. E.	20.00
Garcia, Casimero D.	46.00	Gifford & Henry	5.00
Garcia, Frank A.	13.25	Gil, Miguel	105.72
Garcia, F. M.	55.81	Gila Farm Co.	94.50
Garcia, Guilio	19.25	Gilbert, M.	15.24
Garcia, J.	22.25	Gilchrist & Dawson (Inc.)	73.96
Garcia, M.	43.75	Gilkey, Sylvester	2.00
Garcia, Martin	3.00	Gill, John	28.00
Garcia, Solomon	16.50	Gill, J. B.	105.44
Garcia, Tomas	32.50	Gill, J. D.	7.50
Gardette, R. A.	101.80	Gill, J. P.	20.00
Gardner Bros.	2.61	Gill, Rowland	5.00
Gardner & Co., A. F.	6.30	Gillen, P. A.	40.00
Gardner, C. A.	17.50	Gilliam & Bisbee	4.00
Gardner, Farr	6.00	Gilliam, Walter F.	2.50
Gardner, Fay	21.02	Gilliam, Elmer	84.99
Gardner, J. A. & R. J.	22.63	Gilliam, Guss	95.43
Gardner, Nat.	27.00	Gilliam, G. W.	7.50
Gardner, Sam.	276.50	Gilliam, Jasper	1.25
Gardner, Thos. H.	456.07	Gillies & Province	3.00
Gardner, W. G.	46.50	Gillis, John	9.25
Gardnerville Lumber Co.	694.33	Gillis, J. E.	19.69
Gardom, Francis A.	31.00	Gilman, Henry	35.00
Garfield Exchange	225.72	Gilmore, Henry	67.50
Garfield, J.	3.00	Gipson, J. T.	119.25
Garlock, T. V.	71.71	Girard, James W.	3.75
Garnett-Corey Hardware Co.	16.25	Girdner, James W.	18.00
Garnett, E. W.	10.05	Gist, John	6.00
Garrels, Henry	149.93	Glass, J. R.	25.90
Garret, George	4.00	Glass, Roy	32.00
Garrett, E. H.	2.10	Glasscock, W. R.	4.00
Garrett, J. A.	7.50	Glaus, Al.	260.75
Garrett Co., J. R.	121.98	Gleason, M. E.	8.85
Garrett, Lloyd	64.00	Gledhill, Albert	29.25
Garrett, R. W.	37.20	Glendora Feed Store	19.00
Garris, Fred J.	67.00	Glendora Hardware Co.	18.50
Garrison, D.	93.56	Glendora Lumber Co.	13.57
Garvin, William S.	20.00	Glendora Planing Mill	500.00
Gary, John L.	98.00	Glenn, H. B.	35.00
Garza, Blas	120.00	Glenwood Lumber & Manufacturing Co.	7.51
Gasser & Cleare	6.00	Glessner, Bert	42.50
Gasson, Walter	12.50	Glessner, Le Roy S.	12.00
Gate City Furniture Co.	5.45	Globe Paint & Wall Paper Co.	166.23
Gate City Grocery	4.00	Globe Hardware Co.	97.65
Gates, A. F.	13.00	Globe & Payson Stage Line	11.35
Gates, C. A.	1.00	Glock, Joseph	50.00
Gates, John T.	92.24	Godbyhere, J. S.	3.00
Gates, P. F.	11.20	Godfrey, David E.	18.00
Gautier, Theodore	15.00	Godfrey, Roy W.	45.00
Gearhart, J. S.	103.50	Godfrey, W. T.	107.38
Gebler, Theo.	35.00	Goeglein, Robt. W.	12.50
Geddes, James	21.25	Goeller & Son, J. F.	69.00
Geehan, H. E.	38.75	Goering, J. M.	16.00
Geishelman, Geo.	32.00	Goetze & Co.	15.07
Gentry, D. P.	4.60	Goforth, John S.	42.00
Georgetta, Frank	7.80		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Goggins, Morris.....	\$120.50	Gray, A. B.....	\$24.50
Gold Creek Sawmill.....	3.14	Gray, B. H.....	142.50
Goldwater & Bro., M.....	19.80	Gray & Son, Geo. H.....	23.78
Gomez, Juan J.....	2.50	Gray, H. M.....	161.25
Gomine, E.....	31.50	Gray, I. M.....	241.75
Gomm, Chas. E.....	6.48	Gray, John.....	40.50
Gonzales, Elisello.....	11.37	Gray, J. P.....	39.50
Gonzales, Epifanio.....	36.50	Gray, Lacy.....	16.17
Gonzales, Gervinnio.....	70.75	Gray, M. H.....	124.22
Gonzales, Jose.....	6.75	Gray & Nedrow.....	10.50
Gonzales, Juan.....	83.00	Gray, Robert.....	8.75
Gonzales, Pablo A.....	14.50	Gray, Vance.....	50.55
Gonzales, Prudencio.....	37.50	Gray, W. A.....	66.00
Goodell, Clark.....	5.00	Gray, Wm.....	6.00
Goodfellow, A. O.....	15.00	Green, A. J.....	21.37
Goodfellow, Thomas.....	54.69	Green, E. T.....	21.00
Goodge, S. S.....	29.24	Green, F. M.....	3.18
Goodman, Arthur.....	24.70	Green, James.....	137.00
Goodman, Frank A.....	98.81	Green, Jas. G.....	3.00
Goodridge-Call Lumber Co.....	3.25	Green, J. B.....	6.99
Goodrich, George.....	72.50	Green, Malt.....	36.96
Goodrich, R. B., jr.....	2.80	Green, A. T.....	26.15
Goodwin, Geo. F., jr.....	4.10	Green, R.....	2.00
Goodwin, G. W.....	14.90	Green, Ray.....	5.25
Goodwin, Henry.....	452.50	Green, T. J.....	4.68
Goodwin, Samuel.....	28.50	Green, William.....	152.00
Goodworth, Joseph.....	70.00	Green, Wm. R., jr.....	123.00
Goos, Fred.....	134.99	Greenheck, Gus.....	12.90
Gordon & Fitzgerald.....	47.98	Greenlaw Lumber Co.....	3.35
Gordon, G. W.....	26.15	Greenleaf, Albert.....	17.96
Gordy, Eugene.....	62.50	Greenman, Charles.....	51.75
Gordy, Evan.....	14.25	Greenough, Bert.....	15.00
Gorge, Jem.....	12.00	Greensliff, J. E.....	36.00
Gorman & Davis.....	76.00	Greenwood, James.....	33.00
Gosnell, Roland.....	6.00	Greenwood, John.....	48.00
Gossett, Harry.....	87.75	Greenwood, W. R.....	30.00
Gosvener Jake.....	12.25	Gregerson, Louis.....	81.92
Gotthelf & Tarbell Mercantile Co.....	47.05	Gregerson, Nels.....	2.66
Gould, Arthur T.....	14.00	Gregerson, N. P.....	5.00
Gould, Marley.....	6.75	Gregg, James R. W.....	21.87
Gould, Mort D.....	30.80	Gregg, J. W.....	9.90
Gove, L. G.....	11.15	Gregory, Joseph.....	9.75
Gowanlock, John A.....	176.79	Gregory, J. G.....	300.00
Grace Bros. Lumber Co.....	13.36	Gregory, M. A.....	56.25
Grace Mercantile Co.....	12.05	Greider, C. E.....	6.00
Graden, A. J.....	11.00	Greiner, L. C.....	5.00
Graden Mercantile Co.....	47.05	Gribble, W. S.....	49.25
Graf, Carl.....	3.00	Grice & Gage.....	4.00
Graham, F. R.....	354.16	Grice, Lafayette.....	3.00
Graham, W. P.....	11.00	Grider, John H.....	13.50
Granad, Sesario.....	6.50	Grider, William W.....	6.00
Granath, C. L.....	9.45	Gridley, S. C.....	6.71
Grand County Furniture-Hardware Mercantile Co.....	2.50	Gridley, W. A.....	47.88
Grand Mesa Lumber Co.....	6.50	Griffin, A. L.....	178.00
Grandon Hotel.....	6.00	Griffin, C. B.....	40.00
Grandy, Peter.....	60.00	Griffin, H. A.....	152.72
Graney, Thomas.....	66.00	Griffin, Laura B.....	12.00
Grank, Geo.....	7.00	Griffin & Veatch.....	68.98
Grant, Archie.....	94.50	Griffith, Floyd K.....	33.00
Grant, Frank.....	47.75	Griffith, T. M.....	91.50
Grant Co., The J. R.....	275.23	Griffith, R. M.....	2.33
Grant, W. J.....	8.00	Grigsby, Jess.....	34.50
Grantham Silas.....	67.00	Grigsby, Steven.....	18.00
Grants Pass Hardware Co.....	25.95	Grimand, Eugene.....	3.00
Gratton, Alphonso.....	78.00	Griswold, A. M.....	25.00
Gratton, Julius.....	2.00	Griego, Rafael.....	4.00
Gravert, Nick.....	107.50	Grohs, Frank P.....	25.00
Graves, Alfred A.....	24.00	Gross, Kelly & Co.....	22.50
Graves, John.....	23.00	Groth, Amil.....	60.00
Graves Mercantile Co.....	3.50	Grover, J. G.....	39.87
Graves Paint Co.....	26.70	Groves, Claud.....	49.50
Graves, R. B.....	2.75	Groves, Harry.....	19.00
		Groves Lumber Co., The.....	14.04



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Grubb, J. Frank.....	\$2.50	Hall, Huse.....	\$31.00
Gruenholz, J. G.....	12.75	Hall, J. B.....	30.40
Gruenholz, John W.....	5.62	Hall, Job F.....	221.94
Grunning, George.....	24.75	Hall, J. J.....	46.00
Guaracha, Emiliano.....	104.50	Hall, Joe.....	25.00
Guenero, A.....	14.00	Hall, J. V.....	17.00
Guarena, Frank.....	51.25	Hall, Joseph W.....	34.00
Guerra, Martin.....	34.50	Hall & McAfee.....	64.54
Guerrero, H.....	10.00	Hall, Robert.....	12.00
Guerrero, Roque.....	14.87	Hall, R. Q.....	16.50
Guest, John.....	37.50	Hall, Mrs. Samuel.....	5.95
Gunnell, W. J.....	241.95	Hall, W. H.....	1.00
Gunnison Hardware Co.....	48.60	Halleck Cattle Co.....	30.00
Gunther, Albert.....	25.20	Halleland, Lars.....	10.00
Gurrera, Doroteo.....	6.00	Hallick, Ben.....	10.50
Gurrera, Manuel.....	6.00	Hallock, Homer H.....	16.45
Gurney, T. V.....	45.38	Halpin, Chas. H.....	3.00
Gurrs, J. E.....	55.00	Halsell, J. W.....	6.60
Gustafson, Gus.....	62.00	Halsey, W. A.....	3.90
Gustofson, John.....	36.75	Halsey, N. L.....	21.00
Guterveras, Joe.....	11.37	Halverson, Andrew.....	293.50
Gutherless, J. E.....	69.80	Halverson, James.....	16.00
Gutierrez, Leonardo.....	15.00	Hamblen, Floyd L.....	141.14
Guymon, J. A.....	11.25	Hamblin, Oscar.....	6.00
Gwin, J. W.....	177.50	Hamby, J. A.....	4.65
Hass, John.....	5.00	Hamdorf, Henry.....	52.50
Hass, Herman, Hardware & Imple- ment Co.....	58.90	Hamel, H.....	5.55
Haase, F. J.....	112.50	Hamilton, Dan.....	14.00
Haase, Mrs. Nellie.....	5.60	Hamilton, D. S.....	7.20
Hackler, Thomas.....	72.00	Hamilton, Edwin C.....	11.25
Hadley & Baker.....	585.00	Hamilton Hardware Co.....	15.19
Hadley, G. A.....	13.42	Hamilton, J. H.....	5.65
Haefer, John.....	126.25	Hamilton, Jim.....	12.00
Haefer, William.....	123.75	Hamilton, Sam.....	64.80
Haffly, C. A.....	46.85	Hamilton, William.....	38.70
Hagan & Co.....	65.32	Hamlin, Charles.....	14.59
Hagans, M. E.....	4.50	Hamlin, Lawrence.....	27.50
Hagberg, Ole.....	85.00	Hammer, George W.....	5.63
Hagee, Annie.....	6.79	Hammett, D. J.....	7.95
Hageman, John A.....	10.00	Hammond & Harrington.....	25.00
Hagen, Ole G.....	86.02	Hammond, H. R.....	90.00
Hager, John.....	5.50	Hammond, J. P.....	60.07
Hager, Wm.....	5.00	Hammond, L. A.....	236.95
Hagman, Albert.....	60.00	Hammond, Milton.....	9.00
Hagood, W. R.....	59.00	Hammond, Myron N.....	20.00
Hahner, C. H.....	124.98	Hampson, Chas.....	12.50
Hahner, Henry.....	80.14	Hampton, Bert.....	57.43
Haight, James D.....	79.76	Hampton, C. J.....	60.00
Haines, Henry H.....	6.25	Hampton, Cornly.....	152.00
Halbert & Webber Hardware Co., The.....	18.53	Hancock, Henry.....	16.00
Hale, C. M.....	16.50	Hancock, Lyman.....	13.00
Hale, Edgar A.....	50.00	Hand, Chas.....	13.97
Hale, E. S.....	69.00	Hands, E. J.....	77.50
Hale, H. L.....	262.39	Handy, Mrs. Ida.....	11.00
Hale, H. M.....	2.50	Handy, Mrs. R.....	2.45
Hale, J. H.....	8.00	Hane, C. F.....	21.00
Hale, Joe.....	36.00	Hanes, Jess.....	1.20
Hale, L. R.....	3.00	Hanf, Philip.....	13.50
Hale, Sylvester.....	6.00	Hanks, Sidney A.....	105.00
Hales & Symons.....	12.85	Hanks, T. A.....	2.00
Haley, Curtis.....	3.50	Hanks, W. E., jr.....	14.06
Haley, W. D.....	13.50	Hanley, Preston.....	22.64
Haley, W. W.....	15.00	Hansen, Alfred.....	3.75
Halford, J. Robt.....	11.25	Hansen, Christ.....	25.00
Hall, Bert.....	60.00	Hansen, Edward.....	5.00
Hall & Co.....	6.20	Hansen, Fred J.....	34.40
Hall, C. P.....	3.40	Hansen, George.....	2.50
Hall, E.....	42.75	Hansen, Hans.....	117.50
Hall, Ed.....	38.40	Hansen, Henry.....	47.25
Hall & Gardner.....	66.25	Hansen, Louis.....	10.50
Hall, George.....	424.92	Hanshaw, T. L.....	65.95
Hall, George W.....	99.75	Hanson, Alfred.....	10.00
		Hanson, Andrew.....	30.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Hanson, C. A.	\$37.80	Hart, W. H.	\$27.50
Hanson & Co.	406.46	Harter, P. W.	91.00
Hanson, E. J.	40.00	Hartley, B. A.	20.00
Hanson, E. M.	32.50	Hartley, M.	19.00
Hanson, Frank.	38.00	Hartman, Phil.	59.20
Hanson, Fred.	10.00	Hartig, John.	33.00
Hanson, Henry.	23.00	Hartung, Albert.	107.50
Hanson, H. H.	170.99	Hartung-Larson Hardware Co.	97.33
Hanson, Olaf.	74.00	Hartwell, J. F.	29.00
Hanson, Peter, Jr.	33.75	Hartz, A.	26.25
Hanson, R. M.	10.00	Harvey, C. C.	1.00
Hanson, Victor.	10.12	Harvey, D.	7.60
Harbour, Bun P.	14.00	Harvey, Edward.	3.00
Harden, Grant.	31.88	Harvey, H. B.	6.34
Harden, Thomas.	12.00	Harvey, John.	213.50
Hardenbrook, A. M.	2.00	Harvey, Louis.	27.95
Hardenburgh, George.	106.80	Harvey, Sam.	54.00
Harder, J. F.	21.00	Harvey, W. J.	216.13
Harder, R. L.	12.00	Harwood & Co., Spencer.	57.95
Hardesty & Cozard.	35.00	Hassan, Mahminad.	52.75
Hardgrave, P. J.	32.00	Hassell Lumber Co.	20.02
Harding, Harry.	20.00	Hassn, Mahamm.	50.00
Harding, John A.	140.47	Hastings, Walter.	134.00
Harding, L. J.	7.50	Hatch & Co., A.	8.60
Harding, R. B.	78.00	Hatch, Alphas.	34.00
Harding, W. H.	56.00	Hatch, Henry.	91.25
Hardman, J. R.	2.00	Hatch, John.	34.00
Hardy, A. J.	419.71	Hatch, L.	54.00
Hargrave, Roy.	15.60	Hatch & Son.	2.00
Harkleroad, Owen.	5.00	Hatcher Hardware Co.	150.18
Harlan, J. A.	29.75	Hatfield, H. A.	133.03
Harlan, G. A.	7.50	Hatfield, Robert J.	276.00
Harlow, Arthur.	86.62	Hathaway, Milton.	107.50
Harrison, J. G.	2.00	Hathaway & Co., W. S.	1.95
Harrison, Ed.	3.00	Hatt, Robert.	42.50
Harmon, I. A.	240.00	Hatten, J. F.	1.40
Harp, F. B.	52.00	Han, K. S.	7.87
Harper, J. E.	40.00	Hanchman, Charley.	96.75
Harper & Reynolds Co.	361.83	Hange, Adolph G.	95.37
Herpham, Edward E.	72.50	Haught, Henry.	30.06
Herpham, V. V.	2.25	Haught, H. F.	11.25
Harrell, W. A.	3.37	Haught, P. C.	36.04
Harrigan & Ritchie.	6.25	Hann Sons & Co., A.	115.56
Harrington, C. A.	47.00	Hann, Frank D.	32.29
Harrington, W. M.	105.00	Hanser, Fordys L.	30.00
Harris, A.	69.25	Hansman, Arthur.	33.75
Harris, C. H.	14.00	Haverkamp, H. J.	55.00
Harris, Charlie.	26.25	Havermale, Faust.	24.50
Harris, C. W.	58.00	Hawes, W. V.	10.50
Harris, David H.	18.00	Hawk, T. A.	8.00
Harris, E.	3.00	Hawkeye Electric Co.	4.00
Harris, E. R.	26.78	Hawkins, D. A.	12.75
Harris, James.	81.25	Hawkins, Harry.	2.50
Harris, James S.	345.03	Hawkins, Roy.	52.31
Harris & Co., J. J.	81.60	Hawley, H. H.	43.25
Harris, Joseph.	12.00	Hawley & Son.	33.20
Harris Lumber Co.	172.94	Haws, Henry J.	58.12
Harris, L. M.	449.96	Haycock, W. J.	22.28
Harris & Mecham.	18.25	Hayden, Frank M.	75.00
Harris Mercantile Co.	48.40	Hayes-Hopkins Supply Co.	30.55
Harris, Paul A.	360.50	Hayes, Alma.	23.62
Harris, W. H.	6.00	Hayes, Chas. B.	5.00
Harrison, Frank.	22.00	Hayes, Horace.	106.28
Harrison, H. H.	87.47	Hayes, John R.	104.62
Harrison, John.	10.00	Hayes, Nathan.	16.50
Harrison, J. W.	265.79	Hayes, Riley.	54.50
Harrison, Nash.	5.00	Hays, Filo.	15.00
Harrison Shingle Co.	37.50	Hays, L. W.	122.50
Harryman, Thomas.	73.75	Hays, Wilbur B.	28.75
Hart Co., Edward.	136.33	Hays, Wilbur.	58.00
Hart, H. J.	15.00	Hayward, Frank.	9.50
Hart, Richard N.	27.50	Hayward, Oscar H.	106.75
Hart, Thomas.	18.05	Hazeltine Bros.	67.08

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Head Lumber Co.....	\$619.79	Herrera, Gudalupe.....	\$3.75
Healy, Henry N.....	83.75	Herrera, Estanislao.....	10.00
Healey, M. L.....	10.65	Herrick, Cait E.....	10.50
Hearst Mercantile Co.....	4.56	Herrick, Urbain.....	8.00
Heater, Orie.....	81.00	Herrick, W. E.....	68.00
Heath, Arthur.....	3.00	Herring, Fred (Mrs.).....	3.15
Heath, H. T.....	22.00	Herring, Malcolm E.....	2.50
Heath, G. B. & E. E.....	228.60	Herrington, Thos. E.....	2.65
Heath, H. E.....	69.98	Herriot, C. C.....	5.00
Heath, John O.....	32.50	Herriot, D. V.....	31.55
Heath, Lee.....	2.00	Herron, Ernest.....	17.50
Heath, Noel C.....	12.00	Herron, E. F.....	20.00
Heath, O. J.....	40.00	Herron, E. P.....	3.50
Heath, Thomas.....	12.00	Herron, F. P.....	5.50
Havey, E. H.....	31.20	Herzog, D. W.....	54.65
Heavrin, H. C.....	22.00	Hess, Floyd.....	35.00
Heber Mercantile Co.....	13.05	Hess, John.....	139.25
Hebert, J.....	55.50	Hess, Joseph.....	31.00
Heckman & Co., J. R.....	23.75	Hess, J. R.....	30.00
Hecox, Spencer.....	15.00	Hesselgrave, John.....	57.75
Hedman, Dalnes.....	10.00	Hesson & Co., A. W.....	312.83
Hefferman, George.....	17.50	Henberger, Henry.....	70.00
Heffner, S. M.....	20.76	Hewett, W. L.....	11.25
Hegforce, Edward.....	4.00	Hewitt, A. E.....	21.00
Heiatt, Walter F.....	35.28	Hewling, Louis.....	3.00
Heiserman, William.....	117.50	Hibbard, Edward.....	87.00
Helena Hardware Co. (Inc.).....	216.79	Hibbert & Mets.....	350.00
Helm, Arthur.....	18.88	Hibbs, J. R.....	10.50
Helmick, J. K.....	24.75	Hibbs, S. T.....	338.50
Helms, B. R.....	2.50	Hickey, Guilford.....	1.25
Helmuth, George F.....	13.80	Hickey, G. S.....	13.50
Helquist, Alfred.....	47.50	Hicks, Charles.....	53.50
Helvetia Copper Co.....	3.25	Hicks, E. M.....	42.38
Hemenway, Charles.....	11.15	Hicks, O. F.....	169.50
Hemidas, Kamon.....	15.00	Hiett, R. H.....	20.00
Hemoree, Earl.....	22.50	Higginbotham, Benj.....	8.75
Henbree, E.....	59.62	Higgins, Andy.....	44.00
Henderson, C. H.....	18.10	Higgins, C. C.....	21.25
Hendricks, G. W.....	6.20	Higgins, C. E.....	50.00
Henderson, Jesse F.....	83.43	Higgins, Emmett.....	10.00
Henderson & Johnson.....	134.02	Higgins, N. T.....	8.64
Henderson, Leland.....	18.00	Higgins Co., N. T.....	90.12
Henderson, M. C.....	5.00	Higgs, J. C.....	27.00
Henderson, S. B.....	11.00	Higley, R. L.....	145.75
Henderson, T. J.....	17.75	Higley & Co., R. L.....	24.95
Hendren, J. D.....	886.00	Hildebrand, W. E.....	121.50
Hendricks, Andrew.....	122.81	Hildreth, B. E.....	22.00
Hendrickson, Dan.....	2.00	Hildreth, N. Buel.....	20.00
Hendrickson, Hans.....	4.00	Hildreth Manufacturing Co., The.....	12.75
Hendrix, J. B.....	71.25	Hile, M. H.....	12.00
Henebras, Earl.....	51.75	Hill, Albert.....	16.25
Henningson Co.....	292.07	Hill, C. E.....	60.00
Henrie, James A.....	36.25	Hill, Chas.....	8.75
Henrie, J. W.....	44.50	Hill, C. M.....	2.25
Henry Bros.....	24.00	Hill, George W.....	82.50
Henry, Jim.....	14.40	Hill Hardware Co., Samuel.....	152.70
Henry, John.....	30.00	Hill, J. M.....	28.75
Henry, J. W.....	74.25	Hill, Lee.....	3.75
Henry, W. J.....	10.25	Hillgass, W. H.....	4.80
Hensley, James.....	44.00	Hillis, Glenn.....	41.25
Henson, C. L.....	33.00	Hillis, Robert E.....	58.75
Hepburn, Edward.....	125.00	Hillman, Chas.....	21.00
Hepburn, Oliver.....	110.00	Hilts, Herbert.....	70.50
Hepp Wall Paper & Mercantile Co.....	27.86	Himes, S. T. B.....	94.32
Her, W. S.....	21.00	Himes, Walter.....	114.00
Herbin, James K.....	20.30	Hinkle, A. J.....	8.25
Hermann, Harry.....	37.08	Hinkle, W. K.....	40.00
Hermansen, Chris.....	8.00	Hinman, O. C.....	8.50
Hernage Mercantile Co., H. J.....	6.05	Hinshaw, C. J.....	62.91
Hernandes, Andres.....	43.50	Hinst, Henry C.....	3.75
Hernandez, Joe.....	14.00	Hinton, Bud.....	12.25
Hernandez, Telesforo.....	64.59	Hinton, Carl W.....	7.88
Herrera, Estanislao.....	3.75	Hirshberg & Co., Joseph.....	426.42



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Hirsch, Otto.....	\$115.98	Hopping, Guy.....	\$75.00
Hitchcock, John.....	4.00	Hopping, Karl.....	71.25
Hitchcock, John, jr.....	10.00	Hood & Todd.....	1.00
Hitchens, William.....	63.00	Horn, Barney.....	12.00
Hjort, C. A.....	11.34	Horn, Fred.....	10.50
Holt, Robert.....	31.50	Horn Mercantile Co.....	341.75
Hober, George.....	21.00	Horr, George R.....	50.76
Hober, Lazar.....	15.00	Horsley, H.....	55.34
Hobbs, Wall & Co. (Inc.).....	198.92	Horton, Thomas.....	28.00
Hoch, Henry.....	5.00	Horton, W. H.....	64.75
Hochstrasser, Dean.....	85.50	Hosfelt, Charley.....	30.00
Hockett, J. W.....	14.00	Hosfelt, Louis.....	10.00
Hodge, E. J.....	36.97	Hostetter, N.....	27.00
Hodson, Caleb.....	35.00	Hosselkus Co., The.....	4.75
Hoeger Co., William H.....	6.00	Hotchkiss, R. O.....	39.00
Hofer, Bert.....	35.00	Houck & Norton.....	35.75
Hofer, George.....	147.00	Hough, Len.....	7.50
Hoffman Diamond Brick & Lath Co.....	7.20	Houghton & Human.....	640.38
Hoffman, George.....	83.10	Houghton, W. B.....	6.75
Hoffman, John.....	12.40	Hougland, F. S.....	58.50
Hogan, James.....	190.00	Hougland, H. W.....	29.37
Hogan, M. D.....	3.50	Houk, W. E.....	133.42
Hogan, O. C.....	15.00	House, James.....	36.00
Hogan, Robert.....	10.00	Houser, C. W.....	72.32
Hoge, E. J.....	10.20	Houston, Claud.....	28.75
Hogue & Burke.....	2.20	Houtz, Irwin.....	24.00
Hogue, Ebb.....	500.00	Houyde, Edwin.....	48.00
Hogue, H. M.....	78.00	Hovey, F. E.....	5.00
Hogue, James.....	4.00	Hovey, J. W.....	26.80
Hoke, George W. L.....	33.79	Howard & Arnold.....	5.45
Hoke, L. S.....	26.00	Howard & Mahan.....	26.30
Holbrook, C. O.....	16.66	Howard Lumber Co., George M.....	297.28
Holbrook & Hoffman.....	8.50	Howard, Homer.....	13.00
Holcomb, C. S.....	18.50	Howe, Ed.....	14.80
Holder, O. V.....	2.50	Howell, Frank.....	239.00
Holderness, C. Abram.....	68.75	Howell, Jeff.....	28.00
Holland, Chas. E.....	34.15	Howell, S. B.....	5.85
Hollar & Haefeli.....	10.50	Howerton, J. F.....	179.62
Hollar, Raymond.....	20.00	Howes, C. F.....	485.74
Hollenbeck-Bush Planing Mill.....	17.55	Howser, W. G.....	34.85
Holliday, G. T.....	8.24	Howton, J. W.....	35.00
Holliday Co., W. H.....	217.20	Hoy & Co., T. G.....	4.75
Hollingshead, L. A.....	50.50	Hub, The.....	9.95
Hollinshead, W. H.....	79.81	Hubbard, Alfred.....	24.00
Hollister, L. R.....	12.00	Hubbard, E. H.....	21.50
Hollister, M. L.....	40.00	Hubbart, Louis C.....	10.00
Holm, Aran.....	40.00	Hubbs, A. P.....	9.50
Holm, Paul.....	113.24	Hubers, M. R.....	13.15
Holmes, A. W.....	16.00	Hubler, W. F.....	67.00
Holst, John D.....	32.00	Huck, Frank.....	56.00
Holstein, J. L.....	34.12	Hudson, Charlie.....	12.00
Holt, Frank.....	7.50	Hudson, Henry.....	22.00
Holt, Wilson W.....	33.75	Hudson, J. W.....	2.50
Holter Hardware Co., A. M.....	356.33	Hudwall & Ohmsted.....	7.00
Holzhauser, William F. J.....	171.50	Huebler, Albert.....	11.84
Holzman Mercantile Co.....	46.26	Huey, F. A.....	10.00
Home Furniture Co.....	10.05	Huey, Frank.....	12.50
Home Lumber Co.....	96.10	Huey & Sons, George.....	375.00
Homestake Mining Co.....	4.80	Huff, J. E.....	2.50
Homrighausen, Will.....	12.00	Huff, R. W.....	2.16
Hon, C. C.....	6.00	Huffman, C. E.....	47.25
Honeyman Hardware Co.....	38.39	Huffman, C. T.....	676.03
Hoopse, B. W.....	9.00	Huffman, F. H.....	48.00
Hooten, Bloomis M.....	6.00	Huffman, Victor.....	17.50
Hooten, J. E.....	13.75	Huffman, William C.....	7.00
Hoover, D. B.....	50.75	Huffsmith, E. P.....	127.38
Hoover, William.....	294.00	Hughes, G. W.....	8.75
Hoper, H. W.....	100.00	Hughes, James.....	56.00
Hopkins, W. P.....	6.15	Hughes, J. C.....	173.87
Hopkins, F. G.....	16.65	Hughes, J. M.....	30.00
Hopkins, George E.....	10.00	Hughes, J. P.....	119.33
Hopkins, Wendell P.....	108.27	Hughes, Marshall.....	416.00
Hoppin, Sam.....	232.00	Hughes Mercantile Co.....	13.10

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Hughes, Oliver.....	\$147.37	Hyland Bros.....	\$37.30
Hughes, Orville.....	22.50	Hyland & McFarland.....	183.67
Hughes, R. W.....	90.00	Hylton, J. M.....	99.00
Hughes, W. F.....	148.75	Hyoonen, Andrew.....	16.00
Hugus, J. W. & Co.....	108.06	Idaho Coal & Commission Co. (Ltd.)..	16.93
Hulbert, G. F.....	6.50	Idaho Hardware and Plumbing Co. (Ltd.).....	114.24
Hulbine, Otto.....	63.38	Idaho Lumber Co.....	200.00
Hull & Co., R. N.....	400.26	Igo, R. P.....	3.00
Hulse, Charles.....	17.50	Ilg, Oscar.....	79.50
Hulse, George.....	30.00	Illinois Telephone Association.....	2.79
Hulse, L. C.....	27.75	Independent Lumber Co.....	147.24
Hulse, S. A.....	7.50	Indiahoma Lumber Co.....	401.90
Hulten, Frank.....	32.63	Infanger, Joseph.....	20.40
Hulten, O. E.....	59.63	Ingram, J. A.....	5.34
Hultin, H. G.....	75.00	Ingram, J. R.....	128.00
Hultine, Frank.....	16.25	Ingraham, D. P.....	6.33
Hultine, Herbert.....	33.75	Inman, O. H.....	51.00
Hultine, S. J.....	28.75	Innes, A. R.....	13.25
Humberson, A. P.....	9.20	Innes, Earl.....	35.70
Humbird Lumber Co.....	717.85	International Creosoting & Construc-	
Humburg, Rube.....	31.50	tion Co.....	66.00
Hume-Bennett Lumber Co.....	25.68	Ioamosa Store.....	5.50
Humston, George E.....	2.00	Irvine, C. M.....	147.87
Humphrey, C. E.....	250.00	Irvine & Muir Lumber Co.....	4.70
Humphrey, George.....	101.87	Irving, Jarratt W.....	49.56
Humphrey, W. B.....	55.12	Irving, Jas. J.....	34.50
Humphreys, G. R.....	45.78	Irvin, R. C.....	75.20
Hungate, Thomas.....	27.00	Isdell Mercantile Co.....	29.51
Hunsicker, N. R.....	72.00	Isham, Ervin.....	40.50
Hunt, E. E.....	1.40	Isham, Joe.....	40.50
Hunt, Elmer.....	4.00	Isham, Joseph.....	47.25
Hunt, George.....	5.00	Iverson, Andrew C.....	75.25
Hunt, J. H.....	124.09	Ivey, William.....	265.75
Hunt, John.....	46.00	Ivey, W. H.....	223.38
Hunt, Lewis.....	52.00	Ivis, Ray.....	18.00
Hunt, Roy A.....	218.00	Izatt, Alexander.....	19.60
Hunt, Sam.....	1.30	Jacques, Thos. E.....	38.25
Hunt, Thomas B.....	5.25	Jacroux, Eugene J.....	2.50
Hunter, C. R.....	108.50	Jaeger, Chas.....	295.86
Hunter, D. W.....	17.50	Jacobs, Mrs. C.....	4.92
Hunter, F. C.....	10.25	Jacobs, Erastus H.....	7.50
Hunter Mercantile Co.....	43.75	Jacobs, Louis.....	3.70
Huntington, A. L.....	15.00	Jacobson, Geo. P.....	75.49
Huntington, Co-op.....	21.80	Jacobson, Hyrum.....	32.89
Huntington Lumber Co.....	153.69	Jacobson, James.....	10.29
Huntington, S. C.....	15.00	Jacobson, J. C.....	4.75
Huntington, W. A.....	177.81	Jaines, Jesus.....	6.00
Huntsman, William.....	14.00	James, F. M.....	91.50
Hurd, James.....	26.00	James, Vernon.....	11.20
Hurley, P. J.....	50	Jaquez, Demetrio.....	34.00
Hurley, Thomas.....	4.00	Jaramillo, Jose Ma.....	29.50
Hurn, George R.....	212.40	Jaramillo, Martin.....	14.50
Hurspool, E. S.....	52.00	Jarrell, Marshall.....	10.50
Hurst, J. B.....	3.20	Jarvis, Chas. B.....	101.50
Hurst, Mark.....	20.00	Jarvis, B. F.....	120.51
Hurst, W. N.....	53	Jarvis, Burton.....	44.50
Hurt, Bona.....	67.30	Jarvis, J. W.....	14.00
Huserman, William.....	53.13	Jasperson, Chas.....	2.25
Hutchings, R. J.....	13.12	Jaurez, Florencio.....	41.50
Hutchins Bros.....	34.45	Jawala, Ram.....	10.00
Hutchins, J. A.....	11.48	Jayne, Milton R.....	79.66
Hutchinson, Flinn.....	12.00	Jeans, Archie.....	12.40
Hutchinson & Lumsden.....	89.85	Jeanselm, Jos.....	17.62
Hutton, A. P.....	21.30	Jebe, W. H.....	94.27
Hutton, H. P.....	7.15	Jefferies, J. F.....	49.24
Hyatt, J. W.....	16.13	Jeffreys, Albert.....	4.00
Hyde, David.....	24.00	Jeffrys, J. A.....	72.75
Hyde, J. A.....	14.00	Jenkins, Dwin.....	6.00
Hyde, James.....	3.00	Jenkins, Thos. M.....	10.00
Hyde, J. M.....	3.00	Jenifer, J. O.....	6.00
Hyde, N. J.....	200.00	Jensen, A.....	110.50
Hyde, W. J.....	32.75	Jensen Co., A.....	20.20
Hyde & Co., W. H.....	2.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Jensen, Hans.....	\$14.75	Johnson, J. A.....	\$9.00
Jensen, J. H.....	73.00	Johnson, J. C.....	8.00
Jensen, L. P.....	10.00	Johnson, J. D.....	6.00
Jensen, Mart.....	17.40	Johnson, Jas. P.....	36.00
Jensen, Niels.....	123.50	Johnson, John E.....	203.07
Jensen, Ole.....	2.00	Johnson, J. M.....	4.35
Jensen, S. C.....	28.70	Johnson, J. N.....	104.00
Jenson Bros.....	342.43	Johnson, John O.....	141.00
Jepson, John.....	7.50	Johnson, T. M.....	275.00
Jergins, W. E.....	122.29	Johnson, M. A.....	32.25
Jessup, E. H.....	80.00	Johnson Means Mercantile Co.....	344.37
Jessup Lumber Co.....	68.25	Johnson, Niels.....	4.80
Jessup Milling Co.....	10.53	Johnson, Oliver E.....	133.37
Jett, G. E.....	94.00	Johnson, Oswald.....	5.33
Jewell, E. W.....	177.50	Johnson, O.....	26.00
Jewett, John.....	53.74	Johnson, Robert.....	20.50
Jewett, Joseph.....	38.70	Johnson, R. E.....	44.02
Jewett, Preston H.....	13.00	Johnson, R. W.....	98.50
Jewett, William.....	3.00	Johnson, T. C.....	10.00
Jewkes, Edgar.....	11.25	Johnson, Warren.....	4.50
Jewkes, J. H.....	11.25	Johnson, Wayne.....	47.25
Jewkes, Wm. A.....	15.00	Johnson, W. E.....	49.25
Jack Bros.....	1.90	Johnson, William.....	23.56
Jackman, L. L.....	52.00	Johnston, Ames S.....	85.70
Jackson & Co.....	128.49	Johnston, Henry.....	31.50
Jackson, Albert.....	2.50	Johnston, Louis.....	19.50
Jackson, Andrew J.....	136.33	Jones, Arthur.....	24.75
Jackson, Bert.....	15.00	Jones, B. F.....	17.64
Jackson, Edward.....	41.25	Jones Bros.....	1.00
Jackson, Frank.....	15.00	Jones, C. C.....	6.50
Jackson, Frank L.....	40.00	Jones, Charles.....	10.00
Jackson, Fred.....	22.50	Jones, C. F.....	81.12
Jackson, G. W.....	14.90	Jones, D. G., Co.....	4.20
Jackson, Homer.....	106.00	Jones, Edward.....	10.00
Jackson, Jas. A.....	126.00	Jones & Goff.....	192.92
Jackson, John.....	39.85	Jones, G. W.....	2.00
Jackson, Mrs. John.....	42.00	Jones, Ira.....	54.50
Jackson Mercantile Co., The.....	224.37	Jones, James.....	46.47
Jackson, Robert.....	118.88	Jones, James H.....	123.50
Jackson, T. J.....	10.00	Jones, J. M.....	64.65
Jackson, Wm. H.....	8.00	Jones, L. D.....	30.94
Jirion, Profirio.....	20.00	Jones, Mark.....	92.44
Jiron, Jacob.....	110.68	Jones, Mark A.....	6.00
Jiron, Profirio.....	60.00	Jones, P. F.....	174.23
Jiron, Twdolo.....	15.00	Jones, R.....	11.00
Johansen, Andrew.....	7.63	Jones, R. E.....	101.37
Johanson Lumber Co.....	27.87	Jones, W. A.....	65.00
John, Hosteen.....	14.06	Jones, W. H.....	12.00
Johnson & Co.....	2.41	Jones, W. J.....	16.00
Johnson & Knox.....	126.65	Jones, Walter W.....	70.00
Johnson, A. F.....	85.00	Jones, Ward.....	34.38
Johnson, Arnold.....	3.75	Jones, Wiley.....	39.48
Johnson, Asa.....	51.00	Jordan, Charley E.....	7.50
Johnson, B. T.....	31.00	Jordan, Joe.....	56.25
Johnson, Charles.....	624.00	Jordan & Co., R. L.....	.50
Johnson, Curtis.....	33.50	Jorgensen, H. A.....	5.44
Johnson, Daniel J.....	1.50	Jorgensen, Nephi.....	5.00
Johnson, D.....	57.50	Jorgensen, P. W.....	14.50
Johnson Dean Lumber Co.....	32.47	Josephson, Joseph.....	47.88
Johnson, Dick.....	25.38	Joslyn, Al.....	41.12
Johnson, E. A. Orme.....	15.00	Joyce Print Co.....	20.70
Johnson, Earl W.....	110.25	Juarez, Florencio.....	78.50
Johnson, Edmund.....	12.00	Judd, Jr., A. F.....	22.50
Johnson, Edward.....	82.80	Judd, C. W.....	6.00
Johnson, Elvin.....	8.00	Judd, Frank.....	42.25
Johnson, Ephraim.....	143.86	Judd, Geo.....	8.00
Johnson, Evert.....	12.15	Judd, H. E.....	21.00
Johnson, George H.....	225.00	Judd, S. A.....	82.66
Johnson, Jr., G. W.....	65.00	Judd, Z. K.....	98.06
Johnson, Henry.....	107.99	Judith Basin Mercantile Co.....	7.20
Johnson, Herbert.....	2.88	Judy, Vesper.....	2.50
Johnson, H. S.....	49.00	Jukes, John.....	13.50
Johnson, Isaac L.....	105.00	Jump, T. E.....	28.00



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Improvement of the national forests, 1910, \$600,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Junction Mercantile Co. ....	\$25. 41	Kent, James D. ....	\$54. 56
Junkans, Hanna & Ryan. ....	624. 50	Kent, Joseph. ....	6. 80
Jurgensen, John. ....	9. 50	Kenyan, W. E. ....	24. 50
Justensen, Peter. ....	2. 00	Kenyon-Noble Lumber Co. ....	180. 30
Justis Mercantile Co. ....	173. 21	Kerkhoff-Cuzner Mill & Lumber Co. ....	36. 46
Kahler, A. A. ....	8. 25	Kerlee, William A. ....	10. 00
Kalamazoo Stove Co. ....	11. 75	Kermode, G. T. ....	2. 30
Kalispell Lumber Co. ....	377. 88	Kern, B. W. ....	30. 00
Kalispell Meat Market. ....	40. 65	Kerns, A. E. ....	6. 00
Kallawald, Joe. ....	70. 00	Kerr, George. ....	23. 75
Kalloch, F. E. ....	19. 50	Kerr, Geo. D. ....	3. 00
Kamm, J. F. ....	31. 02	Kerr, Walter. ....	83. 75
Kan, Mucy. ....	42. 12	Kersey, E. B., Mrs. ....	34. 25
Kanawyer, T. I. ....	50. 37	Kerwin & Boulten. ....	46. 95
Kane, D. J. ....	9. 50	Kestner, H. O. ....	49. 40
Kane & Philips. ....	5. 80	Keystone Trading Co. ....	29. 18
Kane & Wildenstein. ....	24. 50	Khahn, Golvean. ....	51. 50
Kannard, Wm. ....	213. 30	Khan, John. ....	70. 75
Kanne & Co., H. S. ....	29. 75	Khan, Munshi. ....	52. 75
Kaple, Sanford. ....	12. 50	Kibbe, Thomas. ....	10. 40
Karlin, John. ....	33. 75	Kidder, Will. ....	32. 00
Kaser, N. ....	15. 00	Kidwell, Frank. ....	24. 00
Kauffmann, Caroline. ....	400. 00	Kienzie, Thomas. ....	203. 00
Kauffman, W. A. ....	63. 00	Kiernan, W. T. ....	15. 75
Kaufman Bros. ....	371. 24	Kierstead, William E. ....	31. 50
Kaufman, William. ....	43. 00	Kieruff, Jr., & Co. (Inc.), B. F. ....	12. 50
Kaufmann, Laurens. ....	38. 00	Kight-Hall Hardware Co. ....	38. 05
Kavanaugh, A. ....	117. 50	Killea, M. F. ....	58. 75
Kearl, Alfred. ....	87. 23	Kilta, Howard. ....	21. 00
Kearns, H. A. ....	422. 23	Kim, C. Y. ....	8. 87
Keas, Charles H. ....	11. 00	Kim, H. M. ....	8. 20
Keating, Gust. ....	147. 50	Kim, H. S. ....	7. 33
Keel, Richard. ....	10. 00	Kimbal, J. M. ....	3. 70
Keeney, E. J. ....	12. 00	Kimball, S. P. ....	1. 25
Keever, R. M. ....	4. 30	Kimberling, Emmett. ....	55. 10
Kehlstrom, Charles. ....	126. 25	King, Andy. ....	7. 54
Keller Bros. ....	12. 00	King, A. W. ....	11. 25
Keller, C. A. ....	29. 50	King, Clyde. ....	52. 00
Keller, E. E. ....	74. 74	King, E. W. ....	48. 00
Keller, Joseph. ....	12. 50	King, George E. ....	12. 00
Keller, J. C. ....	82. 25	King, L. D. ....	84. 33
Keller & Lees. ....	49. 76	King, Otto. ....	528. 25
Keller, Miller & Co. ....	9. 25	King, Ted. ....	23. 75
Kelley, Frank. ....	41. 12	King, Thomas. ....	24. 00
Kelley, J. C. ....	48. 00	King, William. ....	28. 00
Kelley, John H. ....	142. 00	King, W. F. ....	190. 37
Kelley, J. R. ....	5. 00	King Co., The W. F. ....	338. 26
Kelley & Patterson. ....	33. 30	Kingsbury, Earl. ....	18. 00
Kellums, C. H. ....	132. 00	Kingsbury, Shirley. ....	250. 00
Kelly, A. L. ....	58. 80	Kingsley & Son, A. E. ....	961. 00
Kelly, C. E. ....	33. 19	Kinne, Chas. ....	30. 00
Kelly, Fred H. ....	11. 65	Kinsman, A. F. ....	5. 00
Kelson, Alma. ....	6. 87	Kipp, A. ....	24. 00
Keltner, S. D. ....	184. 12	Kipp, Fred. ....	102. 36
Kemp, Steve. ....	2. 00	Kirby & Cameron. ....	12. 83
Kendall, George. ....	18. 00	Kirby, L. A. ....	75. 00
Kendall, J. R. ....	177. 00	Kirby, William. ....	3. 00
Kendall, W. H. ....	2. 00	Kirk, Harley. ....	192. 87
Kennedy, J. D. ....	23. 00	Kirk, Jeff. ....	78. 00
Kennedy, J. E. ....	48. 00	Kirk, J. D. ....	23. 00
Kennedy, L. W. ....	41. 00	Kirk, Walter. ....	195. 25
Kennedy, Ward. ....	6. 25	Kirkpatrick, W. T. ....	6. 25
Kennedy, Will F. ....	63. 00	Kiser, G. W. ....	112. 00
Kennedy, W. T. ....	81. 00	Kispert, J. H. ....	9. 00
Kenelty R. ....	72. 80	Kissinger, William. ....	8. 00
Kennett, Clyde. ....	3. 00	Kist, Frank. ....	44. 90
Kennett, J. C. ....	21. 00	Klaetsch, M. M. ....	90. 00
Kennington, Joseph H. ....	10. 50	Klaason, J. M. ....	47. 00
Kennington, Richard D. ....	57. 40	Klaatsch, M. M. ....	140. 00
Kenry, D. W. ....	138. 58	Kleckner, G. B. ....	102. 50
Keno, Jim (Indian). ....	117. 50	Kleiber, Haus. ....	20. 00
Kenoyer, E. S. ....	49. 50	Kleinbaus, John. ....	20. 00
Kent, Bert. ....	156. 25	Klingbeil, William. ....	5. 00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Klingensmith, T. D.	\$17.50	Lacey, Robert	\$21.00
Klinke Bros.	75.10	La Charity, John	40.50
Klock, W. S.	127.50	Lacy, Chas. H.	50.62
Kloppenborg, H. A.	10.00	Lacy, E. W.	9.42
Klonman, O.	58.76	La Don & Peterson	8.20
Klum, J. A.	14.49	Lafoe, Joseph	34.87
Knapp, A. F.	136.12	Lafond, P.	12.00
Knapp, M. A.	180.00	Lafount Hardware Co.	3.95
Knapp, William	70.50	La Grande Creamery Co.	28.25
Knickerbocker, H. F.	11.50	Lahar, W. A.	10.25
Knickerbocker, W. E.	21.00	Laib, Frank	56.00
Knief, John	59.00	Laing Hardware Co.	94.05
Knight, George	62.00	Laird, Thomas J.	12.50
Knight-Hall Hardware Co.	30.52	Lake Chelan Boat Co.	41.00
Knoblock, Chris.	14.72	Lake Chelan Box Factory	91.27
Knowles, H. L.	32.95	Lake & de Bellroy	34.45
Knopp, William	64.00	Lake Transfer Co.	3.00
Knot, William	36.00	Lake, James H.	4.35
Knowles, Charles	1.00	Lake, Ralph W.	175.82
Knowles, E. O.	34.13	Lake, Richard	18.00
Knowles, Percy	22.50	Lake Tahoe Railway & Transporta- tion Co.	4.95
Knowles, W.	50.25	Lakeside Transfer Co.	11.45
Knutson, Isaac	29.25	Lakeside Sawmill Co.	94.36
Knox Corbett Lumber Co., J.	115.52	La Marche, O.	433.00
Knox, P. H.	7.00	Lamb-Davis Lumber Co.	551.81
Ko, W. I.	44.95	Lamb, F. W.	143.35
Kober, Gus	19.00	Lamb, W. R.	10.97
Koch, D. C.	10.00	Lamb & Sons	5.70
Koch, H.	28.42	Lambert, Paul	16.25
Koch Lumber Co.	55.29	Lammers, E. H.	1.81
Koenig, W.	4.00	Lampe, Ed.	14.00
Koerner, F. E.	46.20	Lampe, Henry J.	42.50
Kogan, M.	43.50	Lamping, James A.	45.20
Kogan, Matt.	179.00	Lamping, R. G.	2.00
Kohn, Mrs. K.	97.50	Lamping, R. J.	81.50
Koletske, A. H.	94.00	Lancaster, J. L.	3.08
Kolle, Chris.	70.50	Lane, C. M.	10.40
Kooner, R. F.	66.18	Landerbaugh, W. A.	141.00
Kooskia Mercantile Co.	1,017.88	Lander Furniture & Hardware Co.	1.34
Kootenai Trading Co. (Ltd.), The	268.84	Landis, Edgar	324.00
Kortte, Roy	57.00	Laner & Sons, E.	275.57
Koska, Arthur	25.00	Laney, L. C.	4.00
Kottkey, Henry F.	25.00	Laney, Lewis	60.00
Kraines, Frank	20.45	Laney, W. S.	12.00
Krakaner, Zork & Moye	230.44	Lanfeld, Mrs. Paul	6.00
Kremmling, E. B.	34.73	Lanfeld, Rosalie	50.00
Kremmling, R.	79.11	Lang, Fred	8.00
Kress, Edward	2.07	Lang Manufacturing Co. (Inc.), F. S.	25.55
Krigbaum, E. M.	71.25	Langhlin, E. E.	11.25
Kroeger, Henry	151.35	Langrell, R. T.	236.98
Kroger, Fred W.	7.00	Lanktree, John	265.00
Kroger, Henry A.	80.00	Lannean, E.	27.54
Krohn, H. A.	49.95	Lannen, Chris	27.00
Krotter & Hall Lumber Co.	8.25	La Plant, J. C.	6.00
Krueberg, Benj.	14.00	La Porte Lumber Co.	7.71
Kuehl, D. H.	414.88	Lapp Co. (Ltd.), O. C.	178.46
Kuery, Mrs. F. A.	17.55	Laramie Grocery Co.	323.62
Kuhnhausen, H. W.	17.35	Large, William H.	75.00
Kuhnhausen, August	155.74	Largilliere Co.	97.08
Kukukansen, H. W.	4.80	Larkins, Martin	30.00
Kumpula, A. G.	19.50	Larranza, M. M.	213.25
Kumpula, Gust.	43.00	Larsen, Erick M., jr.	20.00
Kunst, Julius	27.50	Larsen, Frank	39.20
Kunston, Carl	25.00	Larsen, Hans	8.53
Kunston, Casper	27.50	Larsen, Henry	10.00
Kunz, John W.	26.62	Larsen & Hoff	215.24
Kurtz, Frank W.	33.50	Larsen, John	72.00
Kurtz, L. S.	49.75	Larsen, Mrs. John	9.00
Kutner & Co.	29.90	Larsen, J. M.	4.17
Kutner, Goldstein & Co.	24.50	Larsen, Peter A.	3.80
Kyle, William & Sons	66.65	Larsen, Soren	10.35
Lacey, A. P.	19.25	Larson, Christian	208.00
Lacey, Harvey	16.12		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Larson, Gust.....	\$78.50	Leona Mills Lumber Co.....	\$12.00
Larson, J. A.....	12.50	Leonard, Allen J.....	27.00
Larson, N.....	53.00	Leonard Co. (Inc.), The.....	35.27
Larson, Robert C.....	55.00	Leonard, James V.....	6.00
Larson, S. C.....	220.00	Leonard, J. H.....	17.40
Larson, William.....	26.25	Leonard, W. V.....	177.50
Lasalle, E. J.....	22.00	Lesh, Roy.....	4.00
Latham, Jesse.....	5.00	Leshner, Myron E.....	450.00
Laur, G. W.....	1.00	Lesneur, W. F.....	28.75
Law, David.....	23.25	Lester, S. A.....	86.00
Law, W. Z.....	20.00	Letson, W. W.....	144.00
Lawrence, Chas.....	15.00	Leuch, W. B.....	24.75
Lawrence, C. H.....	20.00	Lever, R. E.....	6.40
Lawrence, C. N.....	50.63	Levie, F. H.....	4.98
Lawrence, Frank.....	112.00	Lewis, A. E.....	64.00
Lawrence, Frank N.....	30.00	Lewis, Bert R.....	75.00
Lawrence, H. N.....	34.50	Lewis, C. A.....	12.00
Lawrence, Josiah C.....	7.50	Lewis, D. S.....	5.00
Laurence, W. C.....	4.15	Lewis, Ed.....	12.00
Laws, Henry.....	54.00	Lewis & Hanna.....	5.00
Laws, Mauricio.....	6.13	Lewis H. Warder.....	7.00
Lawton, S. E.....	12.00	Lewis, J. A.....	4.50
Lay, Philip R.....	22.50	Lewis, Jesse.....	24.75
L-D Store Co., The.....	145.32	Lewis, John H.....	20.00
Leach, W. E.....	5.10	Lewis, O. R.....	127.00
Leacock, A. C.....	5.00	Lewis, William C.....	85.00
Lead Hill Mining Co.....	2.00	Lewtz, J. W.....	18.00
Leadville Wall Paper & Paint Co.....	10.58	Libby Meat Co.....	43.47
League, J. N.....	27.80	Liddiard, Alex H.....	16.25
Leakey, Max M.....	45.50	Lieginger, W. H.....	46.75
Leap, N.....	36.00	Likely, C. H.....	133.15
Leaton, J. L.....	106.00	Lillie, C. H.....	20.00
Learer, Luther.....	105.00	Lilly Co., Chas. H.....	25.20
Leavenworth Furniture & Hardware Co.....	62.13	Lima, S. P.....	51.07
Leavenworth Meat Market.....	59.55	Llman, John.....	32.00
Leavenworth Mercantile Co.....	52.02	Lincoln, James H.....	9.13
Leavitt, B. D.....	22.50	Lincoln Store & Supply Co.....	6.25
Leavitt, Henry.....	26.50	Lindahl, John.....	170.25
Ledbetter, H. H.....	22.00	Lindsay, J. W.....	82.00
Ledford, George R.....	12.00	Linville, E. E.....	8.00
Ledgerwood, D.....	549.50	Lipe, C. O.....	26.00
Ledgerwood, E. F.....	5.00	Lippencott & Warner.....	147.74
Lefevre, John.....	9.00	Liston, Mert.....	11.25
Lee, Alfred.....	20.00	Litchfield, W. G.....	5.00
Lee, Clark J.....	15.00	Little, J. A.....	75.00
Lee, John.....	11.38	Little, Ed.....	10.40
Lee, Lemmy.....	123.75	Little, Frank.....	10.40
Lee, Melvin.....	18.53	Little, Joe.....	10.40
Lee, Mohan.....	61.37	Little, S.....	44.00
Lee, S. W.....	7.98	Lively, Jordan, Lannis Co. (Inc.).....	9.97
Lee, Theodore E.....	63.85	Livingston, H. M.....	84.00
Lee, Theopolis.....	39.22	Livingston, H. W.....	27.00
Lee, Will.....	11.38	Livingston, James.....	71.08
Lee, Y. S.....	8.20	Lloyd, John.....	6.00
Leece & Watterson.....	3.00	Lloyd, J. P.....	15.00
Leese, H. V.....	15.00	Lloyd, L.....	2.50
Leese, J. P.....	178.00	Loasby, George A.....	13.75
Leftang, Walter G.....	6.87	Loche, E. T.....	22.75
Leggett, Bert.....	66.00	Lockridge, William Henry.....	28.00
Leggett, Robert.....	30.62	Lockridge, Mrs. W. H.....	37.50
Lehman, F. J.....	6.00	Lockwood, Floyd.....	20.00
Leichtle, Moritz.....	206.34	Lofton, John H.....	34.12
Leisenstritt, Joseph.....	9.00	Logan Bros.....	7.50
Leithe, K. K.....	90.00	Logan, Robert.....	13.75
Leming, C. T.....	1.80	Logie, Walter.....	5.00
Leming, M. D.....	3.60	Logue & Bro., F. S.....	224.81
Lemley, C. C.....	144.38	Lonetree Mercantile Co.....	17.83
Lemmon, E. D.....	30.10	Long, Arthur.....	24.00
Lennon, P. C.....	24.00	Long, Charles A.....	74.00
Lenhman, Carl.....	42.75	Long, Ed.....	75.00
Lenson, J. H.....	70.12	Long, J. F.....	6.07
Lenz, Henry.....	10.00	Long, J. R.....	18.65
		Long, J. W.....	2.96



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Long, Joe W.....	\$146.75	Lyke & Co., J. A.....	\$123.12
Long, John.....	25.00	Lykins, Archie C.....	81.00
Long Lumber Co.....	86.72	Lykins, Frank D.....	86.00
Longley, A. W.....	59.50	Lyman, Harry H.....	5.00
Longwell, John.....	22.50	Lyman & Son, T. K.....	292.30
Longwell, Will.....	21.00	Lynch, Owen.....	18.00
Lonsdale, J.....	18.00	Lynn, Arthur.....	27.50
Loomis, B. F.....	64.52	Lynn, I. W.....	9.40
Loomis, W. T.....	468.25	Lynn, John.....	35.04
Lopel, Charles.....	8.00	Lynn, Ken.....	45.00
Lopez, Armado.....	7.00	Lynn, Kenneth.....	82.75
Lopez, Anaristo.....	29.75	Lynn, Ross.....	131.25
Lopez, F.....	90.00	Lyon, F. B.....	5.70
Lopez, Josa.....	46.87	Lyon & Garrett.....	93.43
Lopez, Jose Maria.....	30.78	Lyon, Robert G.....	69.80
Lopez, Manuel.....	23.00	Lytle, George.....	18.07
Lopez, P.....	2.00	McAdams, A. R.....	28.50
Lopez, Vidal.....	16.50	McAfee, A. B.....	58.50
Lorbeer, W. C.....	6.13	McAleer, R. J.....	51.56
Lord, S. C.....	14.00	McAllister, A. J.....	4.37
Lordsburg Lumber Co.....	2.74	McAllister, A. L.....	532.10
Lorson, Ellis.....	104.00	McAllister, J. A.....	4.90
Losey, Charles.....	25.00	McAllister, Richard S.....	79.47
Lossil Co., J. P.....	42.45	McAnally, Knox.....	35.00
Lost Packer Mining Co.....	48.00	McArthur, E. M.....	43.52
Lost River Commercial Co.....	28.15	McBratney, Wm.....	14.63
Loucks, George R.....	354.00	McCabe, James.....	103.50
Lough, E. H.....	52.50	McCaffey, Richard.....	22.50
Lousberg, F. W.....	15.13	McCall, B. B.....	4.00
Love, C. S.....	78.37	McCall, Jas. D.....	52.50
Love, John E.....	2.50	McCallister, L.....	2.10
Love, W. A.....	63.50	McCan, Wallace.....	41.50
Lovelace, S.....	125.13	McCann, J. A.....	42.75
Lovelace, Mrs. S.....	60.00	McCartey, Ralph.....	25.00
Lovell, Harry.....	4.00	McCarthy, F. P.....	31.50
Lovell, William.....	63.00	McCarty, Margaret.....	90.99
Lovell, W. B.....	6.75	McCarty, Roger.....	250.00
Lowell, Henry.....	22.90	McCarty, W. F.....	102.50
Low, George A.....	32.70	McCauley, Neil.....	3.00
Low, H. K.....	10.00	McCaull-Webster Elevator Co.....	145.27
Lowery, F. R.....	11.00	McCay, H. B.....	4.00
Lowery, James.....	151.25	McClanahan, L. F.....	771.50
Lowman, N. W.....	7.50	McClare, Billy.....	22.00
Lowman, S. D.....	10.50	McClaskey, E. B.....	50.75
Loynd, Richard.....	3.80	McClellan Bros.....	4.75
Lubken, J. H.....	21.00	McClelland, Alfred.....	2.40
Lubo, Loretta.....	27.50	McClelland, C. A.....	27.60
Lucas, Thomas.....	17.50	McCloud Cash Store.....	27.55
Luce, Mrs. W. R.....	31.00	McCloud River Lumber Co.....	198.60
Luce, W. R.....	118.00	McCloud, Ross.....	168.00
Lucero, Cornelio.....	12.60	McClure, Ben.....	36.00
Lucero, Pedro.....	1.50	McClure, E. A.....	58.00
Ludlow, A. E.....	132.50	McClure-Richardson Mercantile Co.....	69.95
Lue, Carl.....	13.50	McConnell, J. A.....	3.00
Luzo, Ramon.....	15.75	McCormack, Logan.....	200.00
Luis, Carl.....	72.25	McCormick, Clarence.....	56.37
Luke, B. E.....	166.25	McCormick, John.....	89.00
Luke, L. B.....	166.25	McCormick, J. H.....	18.51
Lumsden, Dave.....	57.75	McCormick, J. J.....	3.00
Lumsden, D. A. M.....	173.25	McCormick, L. L.....	135.49
Lund & Co., B. J.....	28.76	McCormick-Saeltzer Co., The.....	13.33
Lund, Emil.....	22.50	McCormick, W. C.....	79.50
Lund Hardware Co.....	8.00	McCoy, Wm.....	100.50
Lund, Marion.....	6.56	McCreety, E. M.....	7.50
Lund, Thomas P.....	17.70	McCulloch, E. H.....	69.00
Lundquist, Ernest.....	34.50	McCullough, J. S.....	4.38
Lung, K. S.....	7.00	McCully Mercantile Co.....	7.40
Luray, Oliver.....	102.00	McCutcheon, N. D.....	27.30
Lush, Tom.....	199.00	McDaniel, James.....	38.50
Luther, A. C.....	19.72	McDaniel, S. C.....	18.00
Lutz & Co., H.....	17.70	McDaniel, Wm.....	31.50
Lux, James H.....	15.00	McDonald, Archie.....	92.50
Lydick, George.....	500.00	McDonald, D. N.....	23.85

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
McDonald, Frank R.....	\$15.00	McKune & Wallace.....	\$7.93
McDonald, H. E.....	10.75	McLachlin, James.....	55.50
McDonald, James A.....	75.00	McLaren, George.....	664.40
McDonald, John.....	60.85	McLaren, W. W.....	193.56
McDonald, Joseph.....	5.00	McLaughlin, Charles.....	20.00
McDonald, J. H.....	194.22	McLaughlin, Clark.....	1.55
McDonald, Mart.....	7.80	McLaughlin Tie & Timber Co.....	173.09
McDonald, P., estate of.....	130.78	McLean, Al.....	118.75
McDougal & Kasinger.....	108.02	McLean, Angus.....	28.61
McEachran, Alex.....	72.00	McLean, A. H.....	88.40
McElmeel, Stephen P.....	103.25	McLean, F. M.....	12.00
McElprang, T. P.....	15.95	McLean, J. S.....	22.00
McElroy, Allan.....	2.50	McLean, W. W.....	53.25
McEntire, J. B.....	9.00	McLouth, Louis.....	7.50
McFadden, George.....	14.00	McMahan, Jame.....	43.00
McFadden, Wm.....	104.00	McMahon, R. J.....	15.00
McFarland, Mrs. J. B.....	3.44	McMillan, M. K.....	5.70
McFarland, Robt.....	2.63	McMillen, George.....	33.76
McFarland, W. A.....	395.00	McMillen, W. W.....	76.25
McFarlane, David.....	16.72	McMinn, Wm. J.....	12.00
McFarlane, Parlan.....	27.50	McMullin, Frank.....	14.00
McFeely Hardware Co., J. A.....	5.10	McMullin, Oscar.....	30.50
McFerrin, Jeff.....	92.50	McNally, William.....	32.00
McFerrin, John.....	92.50	McNeal, Al.....	47.00
McFrederick, J. A.....	6.00	McNeal, J. H.....	6.00
McGahan, G. T.....	.93	McNeil, Al.....	51.00
McGhie, Bert.....	17.00	McNeil, Brig.....	5.00
McGillivray, R. W.....	12.50	McNeil, George.....	52.98
McGinn, Edward.....	90.00	McNeil, H.....	27.50
McGinn, Jas.....	24.50	McNeill, Iles.....	88.25
McGinn, Patrick.....	5.00	McNinch, G. A.....	70.00
McGinnis, Wm.....	12.00	McNish, J.....	50.00
McGlochlin, A. J.....	73.00	McNutt, J. L.....	30.10
McGowan Commercial Co.....	5.00	McNulty, Bernard.....	56.00
McGraw, Joe.....	22.50	McPhee & McGinnity Co.....	575.06
McGraw, L. M.....	45.00	McPherson, J. D.....	14.00
McGregor, Donald B.....	60.00	McPherson, J. W.....	96.81
McGrew, Gordon.....	60.00	McPherson, W. H.....	7.00
McGrew, L. W.....	6.00	McPherson, Silas.....	60.00
McGuffey, A. J.....	55.45	McPheters, H. G.....	111.00
McHarg, Chas. K., jr.....	45.00	McPheters, L. P.....	16.45
McInroy, Joseph.....	660.50	McQuarrie, H. A.....	25.50
McIntire, O. D.....	2.75	McQuarrie, R. G.....	578.77
McIntire, S. E.....	10.25	McRae, D. K., Hardware Co.....	25.10
McIntosh, E. D.....	106.35	McRae, John G.....	10.00
McIntosh Hardware Co.....	170.72	McRae Lumber Co.....	132.40
McIntosh, Robt.....	22.13	McReary, E. C.....	10.00
McIntyre, J. A.....	21.00	McSparrow Beddow Co., Wm.....	8.75
McIntyre, Roy.....	37.50	McTague, John.....	10.00
McKay, A. D. C.....	47.50	Mabray, W. M.....	72.75
McKay, Grant.....	15.70	Mace Bros.....	105.00
McKay Howell.....	138.00	Maceas, E.....	17.00
McKay, J. A.....	28.00	MacGregor, Wm.....	50.00
McKay, N. R.....	4.00	Macht, Harry C.....	68.50
McKee, Carr & Co.....	69.00	Macht, Wm. H.....	59.28
McKee, William.....	7.00	Mack, Claude.....	103.50
McKeen, Stewart.....	57.00	Mackay Lumber Co., The.....	85.83
McKeever, Chas. H.....	81.96	Mackay, Thomas.....	75.96
McKelvey, Edward.....	60.00	Mackay, William.....	18.90
McKendrick, H. C.....	21.00	Mackay, William.....	15.50
McKenley, A. W.....	14.63	Mackenzie, C. F.....	18.20
McKenzie, Chester.....	4.75	Mackerell, Fred.....	30.00
McKenzie, Malcolm.....	22.50	Mackey, Bert J.....	225.00
McKenzie, Roy.....	6.00	Mackin, Peter.....	5.00
McKinley, C. D.....	8.80	MacLay, William C.....	50.00
McKinley, I.....	127.50	MacNeil, H. E.....	110.00
McKinley, Joseph.....	29.00	Macont, Lester M.....	3.75
McKinney, Earl.....	81.12	Madaris, Sam.....	12.20
McKinney, Peter.....	22.50	Maddison, J. M.....	9.25
McKinney, Ruel.....	6.87	Madden, Frank.....	13.00
McKinney, Z. R.....	20.00	Maddux Bros.....	13.10
McKnight & Co., J. M.....	7.50	Madera Sugar Pine Co.....	66.25
McKnight, James.....	80.25	Madison, Womacks.....	5.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Madler, Walter.....	\$40.00	Markstrom, Chas.....	\$11.00
Madrigal, E.....	10.25	Marlott, W. A.....	27.00
Madrigal, L.....	34.00	Marlow, W. E.....	10.50
Madrigal, R.....	6.00	Marr, Guilford.....	34.78
Madril, Andres.....	18.00	Marshal, Michael.....	46.00
Madsen, Andrew.....	6.00	Marshall, D. N.....	5.51
Madsen, David.....	45.00	Marshall, H. E.....	124.05
Madsen, Frank.....	5.00	Marshall, H. H.....	47.61
Madsen, Henry.....	4.29	Marshall, M. K.....	205.00
Maenpaa, John.....	102.50	Marshall & Rigby.....	110.05
Maenpaa, Oskar.....	102.50	Marshall-Wells Hardware Co.....	127.84
Magee, Charles.....	46.50	Marshall & Wesley.....	84.00
Magleby, Jacob.....	3.00	Marshall, W. L.....	5.75
Magleby, Ruben.....	2.25	Marston, A. J.....	62.36
Mahan, B. D.....	5.30	Marston, L.....	71.74
Mahl, Nick.....	44.00	Marston, R.....	84.87
Mahoney Bros.....	12.90	Marston, S. M.....	42.00
Mahoney, Marion E.....	99.00	Martin, A. H.....	96.25
Mahoney, P. J.....	35.00	Martin, A. J.....	23.83
Mahoney, Ray.....	69.00	Martin, A. W.....	16.87
Mahurin, Dan.....	4.62	Martin, Clarence.....	77.50
Mahurin, W. C.....	13.50	Martin, Cris.....	7.75
Majana, Emilio.....	20.00	Martin & Co., C. B.....	16.00
Major, O. L.....	13.20	Martin, D. A.....	115.37
Majors, James.....	7.97	Martin, D. C.....	46.50
Makela, Wm.....	4.00	Martin, Edmund.....	32.00
Makelo, Nello.....	4.00	Martin, Jay H.....	20.63
Maken, George.....	46.00	Martin, George A.....	18.00
Malad Cooperative Co.....	15.25	Martin, Guy.....	46.50
Malad Lumber & Hardware Co.....	25.00	Martin, G. R.....	76.00
Malchilta, T. F.....	32.62	Martin, John.....	64.50
Malcolm McLean Grocery Co., The.....	47.80	Martin, Joseph G.....	2.50
Malcolm, Wm.....	3.50	Martin, J. B.....	26.50
Malim, W. A.....	23.50	Martin, J. T.....	4.50
Malmberg, John.....	15.00	Martin, Lucian.....	58.00
Mallery, W. A.....	3.00	Martin, Roscoe.....	53.75
Mallett, Richard.....	12.50	Martin, R. E.....	105.50
Mallette, Joe.....	650.00	Martin, Sam.....	52.00
Mallory, B. M.....	9.00	Martin, S. H.....	17.50
Malloy, Chas.....	6.75	Martin, W. C.....	86.80
Malloy, Frank A.....	88.20	Martineau, Ed.....	6.00
Malmberg, W. N.....	83.50	Martinez, Adolfo.....	6.05
Malmgren, Chas.....	49.75	Martinez, Antonio.....	6.00
Maloney, James.....	18.00	Martinez, A. J.....	4.00
Maloney, P. W.....	18.00	Martinez, Cosme.....	37.60
Maloney, S. F.....	16.50	Martinez, Donaciano.....	4.00
Mamd, H.....	50.75	Martinez, Jesus M.....	3.50
Mamdorf, Henry.....	57.00	Martinez, Jose N.....	8.25
Manary, Wallace.....	22.00	Martinez, J. M.....	37.00
Mancos Lumber & Supply Co.....	23.66	Martinez, Juan J.....	5.50
Mancos Mercantile Co., The.....	13.50	Martinez, Luis.....	12.00
Manhart, H. J.....	14.50	Martinez, Preciliano M.....	15.00
Mann, Charles.....	43.00	Martinez, Teodoro.....	65.60
Mann, Chas.....	15.00	Martinez, Victorio.....	115.50
Mann, James W.....	110.00	Martinetti, Joe.....	1.75
Mann, Walter G.....	5.00	Martinson, A.....	7.03
Manning Co., C. C.....	158.67	Marueci, Nicola.....	13.75
Manning, Geo. B.....	5.00	Marvin, H. G.....	12.50
Manny, J. H.....	49.50	Maryott, D. W.....	112.00
Mansfield, George.....	48.00	Mason, Ehrman & Co.....	640.96
Manson, E. J.....	31.12	Mason, James.....	18.18
Manter, H. L.....	6.75	Mason, Jas. D.....	2.40
Manter, H. W.....	17.25	Mason, John.....	12.00
Mantila, Matt.....	80.00	Massie, Joe.....	77.00
Mapes, W. A.....	47.50	Massie & Shugart.....	72.25
Marble, C. M.....	5.00	Masten Lumber Co., J. N.....	368.62
Marblemount Mercantile Co.....	47.90	Masterson, Thomas F.....	25.25
Marchant, Willard.....	1.50	Mathews, Roy.....	23.25
Marcum, Will W.....	324.00	Mather, J. C.....	7.50
Marcum, W. W.....	115.00	Mather, Frank S.....	18.00
Marimon, R. L.....	27.45	Mather, S. S.....	18.00
Marker, D. E.....	49.00	Mathews, J.....	3.00
Markham, A. W.....	30.00	Mathias, Charles.....	185.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Mathieson, Paul.....	\$8.00	Mellinger, E.....	\$160.00
Matley, B.....	67.30	Meloy, Peter J.....	74.15
Mattenson, D.....	3.00	Melton, C. K.....	1.50
Matteson, Curtis.....	220.00	Mena Supply Co.....	4.80
Matteson, Evelin.....	210.50	Menard, Ben.....	50.00
Matthews, Alva.....	27.00	Mendinil, Jesus.....	29.00
Matthews, David C.....	19.12	Mendinil, Raymon.....	15.00
Matthews, F.....	123.12	Mendinil, Rudolph.....	19.75
Matthews, G. S.....	13.75	Mendoza, Francisco.....	93.75
Matthews, L. L.....	16.25	Mennecke, Marie.....	14.38
Matthews & Matthews.....	11.75	Mentosa, C.....	5.00
Matthews, Roy.....	46.88	Menzel, August.....	56.53
Matthews, R. V.....	18.00	Merchant, F. P.....	83.50
Matthews, Seth.....	71.25	Merchant, H. N.....	90.00
Matthews, S. T.....	53.25	Merrell, F. M.....	17.70
Matthies, George.....	3.00	Merrell, Joseph.....	16.00
Matthies, Henry.....	75.00	Merrick, A. B.....	46.13
Mattila, Henry.....	140.00	Merrick, Fred.....	82.00
Mattila, Jalo.....	22.50	Merrill & Co., E. W.....	1.65
Mattila, John.....	25.00	Merrill, M.....	81.70
Mattson, John.....	4.00	Merrill & Ward.....	53.12
Mattson, Victor.....	18.00	Merrill, W. O.....	50.00
Maul, Nick.....	54.00	Merriman, Richard.....	60.00
Maupin, John.....	34.30	Merritt, J. C.....	15.00
Maxey Hardware Co., J. F.....	20.65	Merritt, J. D.....	20.00
Maxson, C. N.....	20.87	Merritt, J. L.....	46.50
Maxwell, Arch H.....	20.00	Merten, A. T.....	13.75
Maxwell, J. B.....	73.75	Merten Lumber Co.....	84.58
May, B. F.....	3.05	Mesa-Roosevelt Stage Co.....	11.20
May, F. M.....	250.00	Messer, George W.....	17.00
May, George.....	30.25	Messer, Smith.....	16.25
May, Jess D.....	73.00	Mestas, Jesus Maria.....	27.75
May, J. C.....	18.00	Metcalf Co., E. D.....	8.00
May, J. W.....	8.00	Metcalf, W. C.....	14.20
Maybee, Arthur A.....	500.00	Methow Trading Co.....	11.35
Mayer, D.....	26.49	Metropole Market.....	16.80
Mayerhofer, Frank.....	31.00	Mettie, Fayette.....	41.25
Mayett, J. A.....	300.00	Mettler, Will.....	52.00
Mayo, C. H.....	6.75	Mettler, Harry.....	102.00
Meade, Thomas.....	5.00	Mettler, R.....	105.00
Meador, W. J.....	5.50	Metzsch, Albert.....	74.00
Meadows, Elmer.....	130.00	Metzler, Mrs. E.....	15.90
Meadows, Lester.....	60.00	Meyer, C. P.....	18.00
Meadows Mercantile Co.....	5.25	Meyer, Kelley & Co.....	193.50
Meadows, S. W.....	74.00	Meyer, O. W.....	6.25
Meadows-Warren-Roosevelt Telephone Co.....	2.24	Meyers Mercantile Co.....	200.72
Meagher, F. J.....	32.00	Michael, Elmer G.....	59.63
Means, A. L.....	27.00	Michael, Willard.....	70.00
Medino, E. A.....	7.00	Michael, W. N.....	37.50
Medino, E. D.....	6.00	Michel, I.....	46.51
Medley, Jas. W.....	50.00	Michelsen, N.....	51.45
Meek Co., W. B.....	10.55	Mickelson, J. T.....	51.87
Meeker, Ewing.....	4.00	Michener, Clark.....	10.50
Meeker, E. B.....	243.33	Michigan Lumber Co.....	14.85
Meeker, J. B.....	6.00	Mierni, Jakal.....	97.50
Meekham, Wila.....	5.00	Mike, Archie.....	21.00
Meeteetsee Mercantile Co.....	207.79	Milbourn, H. A.....	50.63
Megan, Peter.....	25.50	Miles Co., A. W.....	760.02
Megown, W.....	19.25	Miles, S. A.....	13.50
Mehl Hardware Co.....	44.49	Miles, B. F.....	350.00
Mehlhom Bros.....	109.57	Miles, Orson, Jr.....	12.50
Meier, Martin.....	108.69	Miles, Orson, sr.....	16.25
Meigs, J. J.....	5.95	Milham, G. W.....	7.00
Meinig Bros.....	195.40	Milham, Harry.....	6.00
Meisner, W. M.....	23.62	Millard, E. B.....	19.20
Meitzler & Co., Geo. W.....	15.95	Millard, P. F.....	63.00
Melendez, Juan.....	124.33	Milledge & Pickens Bros.....	264.24
Melendres, Alberto.....	49.03	Millegan, W. L.....	150.00
Melgoza, Lutarco.....	67.00	Miller, Albert.....	210.30
Meliosa, Martin.....	54.75	Miller, Arthur.....	284.50
Melling, Carl.....	52.00	Miller, Bert.....	147.50
		Miller, Brice.....	4.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Miller, B. C.	\$66.00	Mitzech, Albert	\$8.60
Miller, B. E.	23.25	Miranda, Domingas	15.75
Miller-Cahoon Co.	20.55	M. M. & Co.	48.86
Miller, Clem	7.00	Mock, John	12.00
Miller, Daniel N.	10.00	Mockley, Wm.	10.50
Miller, D. T.	12.50	Model Grocery Co., The	2.90
Miller, Ed.	91.00	Modoc County Cooperative Association	335.54
Miller, E. J.	303.00	Moe, Martin	37.12
Miller, Frank	38.00	Mogollon Mercantile Co.	28.30
Miller, F. C.	80.75	Mohammad, John	50.75
Miller, Grady	238.50	Mohawk Box & Lumber Co.	61.10
Miller, Harry	18.00	Moisy, Chas. D.	47.50
Miller, Hayden	34.00	Monahan, James A.	4.00
Miller, Henry	201.00	Monarch Mercantile Co.	4.55
Miller, H. E.	131.65	Mondragon, Manuel	8.00
Miller Lumber Co., H. E.	23.62	Mondragon, Juan	16.50
Miller, Jack	5.00	Monk & Co. (Ltd.), Geo. H.	9.80
Miller, Jake	36.50	Monk, M. J.	85.00
Miller, John G.	1.50	Mono Lake Lumber Co.	267.76
Miller, John M.	7.50	Monroe, Frank E.	9.00
Miller, J. F.	57.00	Monroe Sawmill Co.	18.00
Miller, J. T.	3.00	Monsen, Fred	20.00
Miller & Co., L. M.	389.01	Monson, Chris.	2.25
Miller, M. E.	27.00	Monson, Christ.	32.62
Miller, M. V.	7.50	Monson Lumber Co.	48.28
Miller, N.	68.00	Montague, Lee	90.00
Miller & Pyke Co. (Ltd.)	80.62	Montana Anchor Fence Co.	59.00
Miller, Robt. C.	75.00	Montana Hotel	11.50
Miller, R. H.	16.00	Montana & Idaho Stage & Forwarding Co.	219.28
Miller, R. S.	28.53	Montana Lumber Co.	9.00
Miller, Samuel	13.58	Montano, Manuel	139.00
Miller & Shiel	21.85	Montano, Suzano	24.00
Miller, T. H.	9.75	Monte Vista Lumber Co.	128.53
Miller, William	74.75	Montes, Jose C.	7.00
Miller, W. S.	15.00	Montgomery Blunk & Co.	27.48
Milligan, William	29.79	Montgomery, C. C.	112.00
Milligan, Grover	22.50	Montgomery, E. C.	9.60
Millinghausen, W.	9.00	Montgomery, Jas. A.	77.40
Millon, C. L.	35.75	Montgomery, J. G.	177.50
Millon, Mrs. C. L.	55.00	Montgomery Ward & Co.	55.74
Mills, Geo.	19.00	Monteith, W. R.	10.00
Mills, J. C.	13.76	Montoya, Ed.	40.75
Mills, J. J.	140.00	Montoya, James	28.50
Mills, W.	22.50	Montoya, Luciano D.	14.00
Mills, W. J.	6.00	Montoya, Merced	21.78
Millsaps, Dora	75.50	Montpelier Livery Co.	14.00
Milne & Milne	12.35	Moody, Tilden	6.00
Milnor, William B.	97.88	Moody, W. F.	1.50
Milton, H. W.	14.25	Mooney, James	17.04
Mimock, Lloyd	12.00	Moore, B. F.	46.13
Minden Wood & Lumber Co.	94.50	Moore, Albert	9.44
Minderman, Chris.	375.00	Moore, A. B. T.	38.00
Minear, J. W.	108.00	Moore, A. E.	1.75
Mirabal, M. R.	18.00	Moore, Charles E.	175.32
Mink, Carl	72.00	Moore, George	197.92
Minor & Co.	25.00	Moore, J. L., & Co.	10.00
Minor, L. E.	147.00	Moore, Lee R.	16.00
Minster, Anthony	111.25	Moore, Reid J.	72.00
Minton, Harry C.	19.55	Moore, Roy	5.00
Missoula Harness Co.	5.00	Moore, Thomas	10.00
Missoula Lumber Co.	200.08	Moore, Wm.	4.00
Missoula Mercantile Co.	1,793.47	Moore, Wm. P.	85.00
Mistler, N. J.	13.88	Moore, Willie	121.25
Mitchel, J. R.	95.50	Moorehead, D. C.	6.16
Mitchell & Broeck	15.25	Moosman, Criss	27.00
Mitchell, Dyer	162.40	Moosman, Edward	24.75
Mitchell, Geo. S.	2.00	Moosman, James	21.37
Mitchell, John	6.50	Moosman, J. H.	4.50
Mitchell, L. W.	137.25	More Timber Co., The	49.25
Mitchell, Samuel D.	75.00	Morales, Manuel	27.00
Mitchell, Wilmer	27.00	Moralli, J.	10.25
Mitchell, U. G.	32.50	Morehead, John W.	16.56
Mitschek, Charles	152.50		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Improvement of the national forests, 1910, \$600,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued—</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Moreno, Entilio.....	\$122.50	Musltay, W. B.....	\$69.50
Moreno, Gunecindo.....	58.38	Mumford, Frank.....	34.00
Moreno, Jose.....	64.50	Mumford, F. D.....	15.00
Moreno, Senon.....	121.00	Mungia, Ramon.....	2.00
Morgan, Carey O.....	15.00	Munk, Aaron.....	375.50
Morgan, Charles.....	6.00	Munro & Haskell.....	8.50
Morgan, Charles H.....	66.31	Munro, Roland.....	16.00
Morgan, Dave.....	34.47	Munroe Hardware Co.....	4.60
Morgan, Harry N.....	16.05	Munroe, R. L.....	34.75
Morgan, H. C.....	19.00	Munson, C. D.....	22.50
Morgan, Jas. W.....	16.50	Munson, M. C.....	23.15
Morgan, John A.....	198.00	Murchison, D. T.....	91.30
Morgan, J. I.....	25.25	Murdock, A. M.....	18.22
Morgan Lumber Co., The.....	206.16	Murdock, R. B.....	6.25
Morgan, Ophia.....	139.50	Murdock-Smith Hardware Co.....	52.26
Morgan, S. P.....	28.00	Murphy, Ivan.....	53.37
Morgan, Walter.....	116.00	Murphy, J. P.....	66.00
Morgan, William.....	27.00	Murphy-Maclay Hardware Co.....	31.74
Morison, Mar.....	5.75	Murphy, Merritt.....	250.00
Morish, Peter.....	37.50	Murphy-Necomb Hardware Co., The.....	94.43
Morongo, Henry.....	22.75	Murphy, W. H.....	40.00
Morphey, R. W.....	18.00	Murray, Charles B.....	75.00
Morrell, Laura B.....	5.00	Murray, Claus E.....	100.00
Morris, Calvin.....	49.50	Murray Coal & Lumber Co.....	155.82
Morris, Clarence A.....	79.50	Murray, Earl.....	41.00
Morris, Berley.....	52.00	Murray, Fay.....	60.75
Morris, Eli.....	28.00	Murray, John.....	4.00
Morris, J. O.....	45.00	Murray & Junkins.....	67.15
Morris, Otis.....	50.00	Murray, Wm.....	12.50
Morris, Paul.....	6.50	Murray, W. H.....	60.00
Morris, Will.....	15.00	Murry, C. E.....	358.50
Morris, W. J.....	176.50	Murry, J. F.....	88.00
Morrison, Charles W.....	30.00	Musby, Nicholas.....	12.00
Morrison, Dave.....	20.00	Musby, William.....	21.00
Morrison, Edw. U.....	15.00	Musgrave, M. E.....	4.00
Morrison, Lou.....	7.00	Mustayke, Julius.....	33.00
Morrone, Pasquale.....	54.37	Musty, Nick.....	32.36
Morse, Grant.....	40.95	Myer, Geo. W.....	39.00
Morse Hardware Co.....	155.43	Myers Co., The.....	2.40
Mortensen, Lewis W.....	21.87	Myers, Frank.....	5.20
Mortenson, Robt.....	15.00	Myers, H. C.....	21.37
Mortimer, John.....	83.75	Myers, Ivan R.....	12.50
Morton Co., John W.....	32.70	Myers, J. W., Mrs.....	2.80
Morton, J. A.....	4.16	Nail, Ben.....	193.83
Mosel, A.....	8.00	Nail, W. L.....	54.00
Moses, Charlie.....	1.25	Nance, W. H.....	9.35
Mosgrove & Co.....	16.85	Naranjo, Entimo.....	79.14
Mosher, Lester.....	22.50	Naser, R. C.....	31.08
Mosier, Arthur.....	384.75	Natwick & Harris.....	54.00
Mosman Mercantile Co.....	13.14	Nay, S. W., & Co.....	42.00
Moss, David A.....	139.43	Neagles, Peter.....	49.00
Moss, David J.....	24.50	Neal, Arthur.....	10.30
Moss, Roy.....	10.00	Neal, W. R.....	82.39
Mott, C. P.....	31.86	Neale, E. C.....	101.25
Moti, Fred L.....	30.00	Nedham, Geo.....	19.00
Motler, John.....	70.00	Nedia, Arcadio.....	34.50
Mountain Commercial Co.....	166.50	Nedia, Berneec.....	34.50
Mountainair Lumber Co.....	172.20	Needham, W. H.....	3.00
Mount Shasta Meat Market, The.....	15.00	Neelson, Dan.....	20.40
Moyer, A. T.....	87.50	Neely, Frank.....	12.35
Moyer, J. T.....	97.50	Neese, J. M.....	10.40
Moyer, R. H.....	17.50	Neff, J. L.....	3.50
Moy-no-be-tung, Joe.....	19.00	Negrete, Oncino.....	70.00
Mucky, A. E.....	16.25	Negus, Charles.....	267.00
Mugno, Jos.....	3.59	Nels Lumber Co., J.....	340.03
Muir, J. J.....	189.00	Neilson, Niels.....	8.75
Muir, J. R.....	10.40	Nelle & Engelbrecht Co.....	20.25
Mullane, James.....	117.10	Nelson, Camas.....	10.00
Mulligan, John E.....	27.50	Nelson, Clarence.....	160.00
Mullin, B. J.....	1.00	Nelson, C. A.....	18.00
Mullins, Joe.....	40.00	Nelson, David.....	60.00
Mullins, Scott.....	10.00	Nelson, Gus.....	22.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Nelson, H. C.....	\$5.00	Normelli, John.....	\$27.50
Nelson, John.....	115.50	North Coast Milling & Mining Co.....	6.00
Nelson, J. H.....	57.50	North, Fred.....	130.50
Nelson, J. W.....	75.00	Northern Navigation Co.....	28.10
Nelson, Lars.....	60.49	North Park Pharmacy.....	7.56
Nelson, Nels.....	82.40	Northrop, C. E.....	7.50
Nelson, P. C.....	22.75	Northrop, Earl.....	183.75
Nelson, Perry.....	74.00	Northrup, Frank.....	31.75
Nelson, S. W.....	9.00	North Western Lumber Co.....	341.47
Nelson, Raymond M.....	8.00	Norton, Frank.....	36.75
Nepstad, Oscar.....	2.00	Notman, John.....	20.00
Neste, Gus.....	54.75	Nott, E. M.....	30.33
Neste, Knut.....	33.30	Nottingham, W. L.....	6.25
Nethercott, Alfred.....	72.87	Nourse, R. W.....	7.32
Nettelhorst, Chas. W.....	75.00	Noyer, Claude.....	62.50
Nevada Stables.....	18.50	Noyes, J. M.....	67.00
Neville, H. W.....	10.00	Nuanes, Frederico.....	6.00
Nevitt, C. A.....	46.25	Nucla Mercantile Co.....	14.55
Newberry, John.....	145.95	Nudan, Charles.....	3.37
Newbury, George.....	15.00	Nunes, Agapito.....	2.00
Newby, August.....	3.00	Nunes, Ryugio.....	2.00
Newby, Glen.....	6.41	Nye, H. T.....	15.30
Newcomer, Earl.....	44.00	Oakes, Richard.....	15.00
Newell, Charles.....	28.00	Oakland, Dan.....	30.50
Newland, Clyde.....	182.50	Oakley Cooperative Store.....	1.95
Newman, E. G.....	15.00	Oakley Hardware Co.....	3.85
Newman, Ethel M.....	3.00	Obey, J.....	32.00
Newman, Hans.....	9.75	O'Brien, Ed.....	7.50
Newman, Lars.....	10.00	O'Brien & Lajeunesse.....	36.07
New Mexico Lumber Co.....	40.45	Ockenden, Thos.....	38.85
Newmeyer, Robert.....	57.38	O'Connell, John D.....	25.00
New Mine Sapphire Syndicate.....	2.80	O'Connell, J. J.....	24.00
Newton Lumber & Manufacturing Co.....	440.88	Odekirk, J. F.....	37.00
New York Machine Shop.....	102.66	Odell, W. M.....	48.00
New York Store.....	9.75	Odenkirk, Frank.....	12.00
Nibley Channel Lumber Co.....	129.45	Odett Bros.....	461.73
Nickols, Ed.....	27.50	Officer, L. S.....	76.92
Nichols, Edward.....	33.25	Officer, W. D.....	174.00
Nichols Hardware Co., The.....	9.75	Ogden, Amos.....	40.75
Nichols, H. O.....	469.74	Ogden, R. J.....	49.16
Nichols & Co., J. B.....	1.20	Oh, C.....	35.87
Nichols-Robinson Implement Co.....	2.50	O'Hare, Andy.....	72.00
Nicholson Hardware Co.....	51.28	O'Harrach, G. W.....	17.00
Nicholson, J.....	140.50	O'Keefe, Charles.....	14.00
Nicholson, J. H.....	20.00	O. K. Transfer Co.....	4.75
Nickson, Wm.....	40.48	Olcott & Nutting.....	8.70
Niederhausen, Rudolf V.....	38.80	Olcott & Sell.....	113.20
Nielson, Anton.....	15.95	Oldfield, Roy.....	13.75
Nielson, Dan.....	162.00	Oldham, Edward.....	185.00
Nielson, Erastus.....	12.50	O'Leary, J. V.....	47.35
Nielson, Jos. F.....	7.50	Oleson, Harrel.....	52.00
Nielson, W. L.....	46.67	Oleson, John M.....	58.00
Nigh, Wm. J.....	19.00	Oleson, J. P.....	5.00
Niles, C. L.....	58.50	Oleson, Oscar.....	89.00
Nims & Cappellar.....	66.15	Oliver, H. G.....	15.00
Nixon, J. W.....	15.67	Oliver Iron Mining Co.....	6.18
Noah, C. M.....	22.50	Oliver, L. H.....	156.80
Noble, William E.....	95.37	Olson, L. A.....	20.70
Nobles & Barre Co., Wilson.....	59.05	Olmeda, Neiss.....	15.00
Nockey, Charlie.....	32.62	Olney Hardware Co.....	184.27
Noddin, Ralph E.....	84.75	Olsen & Sons, A. M.....	4.90
Nohle, E. C.....	12.00	Olsen, Andrew.....	1.00
Nolan, Jas. M.....	56.00	Olsen, Edward.....	14.00
Noland, Geo. V.....	8.00	Olsen, George.....	3.00
Noland, W. A.....	10.00	Olsen, O. R.....	3.00
Nolner, George.....	1.00	Olsen, S.....	126.25
Noneman, Chas. C.....	9.50	Olsen, Carl.....	29.25
Norberg, Andrew.....	17.50	Olsen, C. H.....	80.62
Nordley, Ed.....	15.00	Olsen, Clifford.....	79.00
Nordyke, Carl.....	32.50	Olsen, Earnest.....	25.00
Norman, Charles.....	37.80	Olsen, Herbert.....	33.75
Norman, Oscar.....	6.00	Olsen, Ignar.....	27.50

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Improvement of the national forests, 1910, \$600,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Olson, Ignar.....	\$79.87	Pacific States Telephone & Telegraph Co.....	\$125.00
Olson, John.....	208.50	Pacific Telephone & Telegraph Co.....	4.00
Olson Lumber Co., John O.....	5.40	Padaman, James.....	24.00
Olson, Mike.....	35.00	Paden, Emerson.....	61.25
Olson, Nels.....	141.00	Padgett, W. H.....	6.13
Olson, Ole.....	175.00	Padilla, Refugio.....	6.00
Olson, Oscar.....	47.00	Page, James.....	5.00
Oman, Gustave.....	44.50	Pagosa Lumber Co.....	320.04
O'Melia, Wm.....	90.00	Pagosa Pressed Stone Co.....	27.00
O'Neal, E.....	11.27	Pahlau, Gust.....	37.00
O'Neal, P.....	21.84	Paine, Richard.....	22.00
Oenal, Rex.....	3.00	Paisley Mercantile Co.....	13.27
O'Neal, Roy S.....	13.75	Paisley-Silver Lake Stage Co.....	8.25
O'Neal & Van Meter.....	35.90	Palace Meat Market.....	1.60
O'Neal, Walter M.....	70.94	Palmdale Lumber Co.....	12.80
O'Neil, Guy.....	5.00	Palmer, A. H.....	7.00
O'Neil Lumber Co.....	291.39	Palmer & Denham.....	63.20
O'Neil, Ray.....	118.25	Palmer, Harvey.....	44.75
O'Neill, A. J.....	5.00	Palmer, W. W.....	21.75
O'Neill Hardware & Plumbing Co.....	29.10	Palmerlee, J. F.....	6.00
Opalka, Frank.....	10.80	Pallanes, Jose.....	3.00
Ophir Hardware Co.....	14.00	Panetti, John.....	59.31
Opsata, Mrs. N. O.....	1.00	Park City Lumber Co.....	41.24
O'Quinn, J.....	178.75	Park, Hugh.....	79.30
Orangeville Cooperative Co.....	10.05	Park, Y. W.....	8.20
Orban-McCament Lumber Co.....	4.70	Parker, C. E.....	1.50
Ordish, Charles E.....	42.38	Parker, Claud.....	30.00
Organ, T. F.....	5.75	Parker Co.....	14.24
Orme, F. H.....	3.99	Parker, Howard E.....	6.12
Ormsby, Robert.....	700.00	Parker, H. E.....	6.00
Orr Co., H. V.....	9.00	Parker, J. D.....	11.50
Orr, G. D.....	16.87	Parker, John.....	145.25
Orr, J. A.....	12.96	Parker, J. R.....	225.00
Orr, J. J.....	18.75	Parker, J. W.....	9.00
Orr, Joe.....	56.50	Parker, L. A.....	14.25
Orr, Julius.....	5.00	Parker, Matthew.....	42.00
Ort, J. A.....	27.95	Parker, T. B.....	9.00
Ort, John.....	9.00	Parker, W. H.....	33.25
Ortega, Abel.....	24.20	Parker, W. P.....	201.25
Ortega, Jose M.....	54.50	Parker, W. V.....	4.00
Ortega, Juan Y.....	18.00	Parker's Mill Lumber Co.....	126.21
Ortega, Nicolas.....	8.50	Parkin, Wm. A.....	5.00
Ortego, Eustaquino.....	24.20	Parkinson, C.....	22.50
Ortego, Vicente.....	15.00	Parkinson, T. J.....	29.60
Orton, Owen.....	67.50	Parkison, Ed. H.....	12.40
Osland, Paul.....	107.99	Parks, Joseph.....	22.00
Osman, Walter L.....	33.00	Parks, J. M.....	5.20
Osterhout, Carl.....	200.00	Parmeter, H. A.....	87.12
Ostler & Allen.....	1.50	Parowan Equitable Cooperative Co.....	15.50
Ostman, Andrew.....	58.00	Parr, E. M.....	24.75
Ott Hardware Co.....	7.10	Parry, W. E.....	73.75
Ott & Co., John.....	10.36	Parsons, O. H.....	19.65
Ottinger, J. H.....	8.75	Parsons, R. L.....	8.00
Ouren, George.....	158.37	Pasadena Feed & Fuel Store.....	17.82
Outerson, John.....	1.50	Pasadena & Mount Wilson Toll Road Co.....	16.00
Ovando Mercantile Co.....	9.90	Pasley, W. T.....	34.00
Overholt, George.....	6.50	Patch, Dayton D.....	139.59
Overly, David H.....	5.00	Patillo, Geo.....	9.00
Overly, Henry.....	2.00	Patriek, Henry.....	73.50
Oversteg, Robt. J.....	49.50	Patriek, Henry.....	208.50
Overturf, D. C.....	8.50	Pattan, Mrs. A. E.....	5.00
Owen, Henry F.....	1.50	Pattan, Helen.....	5.00
Owens, Harry.....	13.48	Patten, Chester H.....	26.25
Owens, T. D.....	6.25	Patterson Co., The.....	96.33
Owenhouse Hardware Co.....	157.49	Patterson, Edward.....	66.08
Owings, W. J.....	20.00	Patterson, F. G.....	18.00
Oyler, Frank.....	14.00	Patterson, George W.....	25.00
Pack Bros.....	2.50	Patterson, H. C.....	14.49
Pack, Birt.....	13.00	Patterson, H. T.....	6.00
Pack, B. V.....	7.02	Patterson, J. B.....	75.00
Pack, Jas.....	80.50		
Pack, John.....	265.19		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Patterson, John.....	\$13.75	Peters, George.....	\$42.75
Patterson, Thomas O.....	37.25	Peters, H. M.....	33.00
Patterson, W. D.....	167.50	Peters, L.....	11.27
Patterson, W. J.....	119.00	Peters, P. G.....	1.55
Patton, James W.....	9.60	Petersen & Co., Chas.....	27.22
Patton, William.....	90.62	Peterson, Charles.....	95.75
Paul, A. S.....	150.00	Peterson, C. O.....	26.24
Paul, Leonard.....	65.46	Peterson, Fred.....	6.00
Paulsen, Andy.....	182.50	Peterson, G. F.....	32.50
Paulsen, L. S.....	5.05	Peterson, Jr., H. F.....	18.50
Pavina Feed & Supply Co.....	20.52	Peterson, Henry.....	5.00
Payette Lakes Milling Manufacturing Co.....	44.04	Peterson, J. A.....	173.00
Payne, B. F.....	63.00	Peterson, John.....	8.40
Payne, Lot.....	17.00	Peterson, J. N.....	107.60
Payne, Richard.....	14.00	Peterson & Johnson.....	23.45
Payton, H. L.....	57.20	Peterson, L.....	23.52
Peabody, John H.....	3.00	Peterson, Lars N.....	3.00
Peabody, Mrs. J. H.....	24.00	Peterson, Lehi.....	16.00
Peach, Wm.....	15.00	Peterson, P. F.....	309.06
Peacher, James C.....	606.75	Peterson, W. C.....	525.00
Peacock, Joseph.....	187.50	Petty, Frank.....	28.50
Pead, Wilford.....	10.83	Petty, George W.....	7.50
Pearl Grocery, The.....	53.58	Petty, I. A.....	11.25
Pearman, C. H.....	24.00	Pettinger, C. H.....	20.00
Pearson Mercantile Co.....	420.18	Petty, Henry.....	85.00
Pearse, C. H.....	137.61	Petty, J. H.....	15.89
Pearse, C. H.....	118.10	Pfeiffer, Julia C.....	6.75
Peasley Transfer Co.....	4.60	Pifer, Simon.....	16.80
Peck, E. C.....	8.05	Pfisterer, J. P.....	22.50
Peckinpah, C. M.....	106.98	Pfohl, A. J.....	2.50
Peckinpah Lumber Co.....	97.07	Phares, B. G.....	27.12
Peck, E. D.....	50.57	Phares, Glen.....	35.87
Pelle, Edmund.....	21.37	Phares, O. C.....	7.50
Peirce, Frank.....	67.59	Phelan, A.....	66.00
Pell, Wm.....	42.00	Phelps, W. H.....	25.00
Pelton, Carrol C.....	55.75	Phillips, Benj.....	80.00
Pelton, Ward C.....	73.87	Phillips, Ed.....	38.40
Pend d'Oreille River Lumber Co.....	118.41	Phillips, Eugene.....	75.00
Pendola, A. L.....	28.39	Phillips, Fred.....	150.00
Peoples Lumber Co.....	34.78	Phillips, Geo. B.....	32.00
Peoples Meat Market.....	92.48	Phillips, John L.....	150.00
Peoples Union.....	2.70	Phillips, J. R.....	25.50
Peoples Warehouse, The.....	16.34	Phillips, Kirk G.....	10.50
Pepper, Stanley.....	10.00	Phillips, Lee.....	200.00
Pepper, W. S.....	20.12	Phillips, Roland.....	1.25
Peralta, Manuel.....	16.00	Phillips, Roy.....	21.60
Peralto, Ysabel.....	147.80	Phillips, Rufus Y.....	7.00
Perdue, L. L.....	8.35	Phillips, Will.....	41.40
Perez, Ben.....	40.25	Picard, Bert.....	157.00
Perez, Louis.....	40.25	Pickens, Charles.....	50.00
Perham, C. G.....	59.37	Picketts, W. T.....	54.25
Peris, Peter.....	198.65	Pidgeon, Chas.....	140.00
Perkins, Frank.....	38.00	Piedra Lumber Co.....	118.79
Perkins, Howard.....	7.00	Pierce, Guy J.....	24.75
Perkins, James M.....	1.03	Pierce, Robt.....	21.00
Perkins, Joe.....	1.03	Pierce, Theo.....	67.75
Perkins Lumber Co.....	263.47	Pierce, William H.....	8.00
Perkins, Joseph.....	103.50	Pierpont, Russell B.....	164.27
Perkins & Co., W. Y.....	28.25	Pike, Chas. W.....	18.75
Permlinter, Wm.....	9.00	Pilchuck Market.....	73.40
Petheram, Chas. C.....	48.00	Pilkinton, Orrin.....	1.75
Perry Bros.....	4.00	Pimentol, R.....	28.75
Perry, Chester.....	34.00	Pine Valley Cooperative Store.....	12.20
Perry, C. O.....	30.00	Pings, A.....	48.10
Perry, Ed.....	15.00	Pinkerton, H.....	229.49
Perry, Jesse H.....	600.00	Pinkerton, J. J.....	88.00
Perry, Joseph.....	147.37	Pinkerton, Robert E.....	21.00
Perry, Lytle.....	27.00	Pinnell, E. A.....	7.55
Perry, W. L.....	29.75	Pinnell, Frank C.....	27.15
Peters, Bert.....	98.00	Pinnell, Frank.....	12.00
Peters, Chas.....	38.00	Pino, George.....	140.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.—Continued.</i>	
Piola, Louis.....	\$400.00	Pratt, Oscar.....	\$2.00
Pioneer Lumber Yard.....	363.31	Prescott Electric Co., The.....	31.70
Pioneer Mercantile Co.....	351.30	Pressentine, Frank.....	7.08
Pioneer Paint & Wall Paper Co.....	22.80	Pressentin, P. V.....	260.96
Pioneer Tent & Awning Co.....	12.25	Preston, E.....	11.75
Piquet, C. A.....	12.50	Preston & Hales.....	177.84
Pitcher, Ben.....	35.25	Preston, Coleman.....	27.50
Pitkin, Carl.....	5.04	Price, Don.....	72.50
Pistone, F.....	164.75	Price Hardware Co.....	157.34
Placerville Hardware Co.....	52.07	Price, John N.....	5.25
Placerville & Lake Tahoe Auto Stage Co.....	1.75	Price, Leonard.....	39.00
Plasket, Ed.....	31.00	Price, Robt, estate of.....	3.08
Plato, John.....	3,486.50	Price, W. W.....	23.00
Platten Implement Co.....	4.62	Priddy, Walter F.....	47.50
Platts, Sherwood.....	101.02	Prien, Enes.....	23.60
Plessinger Lumber Co.....	1.75	Prien, W. R.....	55.00
Plowman, Geo.....	21.75	Prince, Hiram A.....	58.75
Plumas Commercial Co.....	42.30	Prince, John W.....	50.00
Plummer, F. M.....	294.02	Prince Store, The.....	9.90
Pobe, R. E.....	3.09	Printz, Frank.....	3.00
Potl, Edward D.....	70.22	Prisk, John.....	84.00
Potl, R. E.....	76.69	Probert, Wm. H.....	60.00
Pocatello Electric Supply Co.....	5.25	Proctor, James.....	22.50
Poland Lumber Yard.....	2.45	Prodger, J. L.....	78.00
Poland Store.....	3.60	Proebstel, Wendel.....	94.25
Polkinhorn, Dick.....	61.88	Proebstel, W. M.....	92.25
Pollard, F. M.....	10.50	Progress Mercantile Co.....	4.15
Pollard, L. A.....	33.00	Propash, August.....	15.00
Polson Co., Babbitt.....	20.07	Prout, John.....	39.00
Pool, O. D.....	23.00	Provence, Ben F.....	65.00
Pool, Otto.....	10.00	Provost Bros.....	32.60
Poole, Andrew T.....	10.10	Prows, Arthur.....	23.62
Poole & Bro., C. A.....	63.66	Puckett, Claude A.....	73.75
Poole, J. L.....	35.00	Puckett, Manford.....	334.93
Poole, Thomas.....	97.87	Puget Sound Mills.....	54.12
Pope, Horace.....	55.65	Pulaski, Edward C.....	22.50
Porcher, Francis P.....	23.72	Purdue, L. L.....	36.30
Porteous, Alex.....	31.00	Purdy, William.....	57.50
Porter, Clyde.....	21.00	Purkeypile, I. J.....	105.75
Porter, Ed.....	7.80	Putnam, Chas. D.....	22.00
Porter, F. C.....	8.80	Putnam, J. L.....	20.00
Porter, I. A.....	122.50	Putnam-McKnight Co., The.....	3.70
Porter, Joseph B.....	16.00	Pyeatt, Clarence.....	54.50
Porter, J. R.....	6.00	Queener, Lester.....	30.00
Porter, Parley.....	36.12	Queener, Loren.....	76.00
Porterville, Hardware Co.....	17.50	Queets Trading Co.....	7.10
Porterville Lumber Co.....	123.32	Quigley, W. H.....	401.00
Porterville Steam Feed Mill.....	49.70	Quinone, J.....	17.25
Portillo, Matias.....	26.00	Quintana, Mariano.....	8.30
Poshaw, Wm.....	12.00	Raabe & Mauger.....	42.71
Post, C. C.....	155.25	Race, Charles A.....	65.66
Potter, Asa.....	4.00	Race, George.....	58.75
Potter, Harvey J.....	57.02	Race, Nicholas.....	4.00
Pothoff, F. D.....	3.25	Rader, Charles.....	101.50
Poudre Valley Gas Co.....	12.00	Ragon-Bates Lumber Co.....	9.51
Povey, John.....	114.73	Rainey, Bush.....	87.99
Powell, Dan T.....	35.00	Rainey, J. N.....	12.34
Powell, Morris.....	78.42	Rakestraw, C. E.....	140.00
Powell, M. J.....	210.00	Rako, John.....	16.00
Powell, Woly.....	13.12	Ralph, F. J.....	4.00
Power, Harold T.....	221.45	Ralston, Lester.....	160.00
Powers, E. W.....	4.00	Ralston, W. A.....	87.00
Powers & McCord.....	32.00	Ralston & White.....	28.00
Powers, E. H.....	123.75	Ram, Jawala.....	84.75
Powers, J. G.....	147.00	Ramey, Rush.....	130.12
Powers, J. G.....	12.00	Ramie, B. J.....	5.70
Powers, R. A.....	16.35	Ramires, Jose.....	3.00
Prater, Mrs. James.....	6.80	Ranaberg, Henry.....	31.25
Prather, A. T.....	1.50	Rance, F. G.....	35.00
Pratt, Fred.....	54.97	Ranch Supply Co.....	812.25
Pratt, George L.....	28.50	Randle, Matt.....	94.31
		Raney, Charles.....	6.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Raney, L. J.	\$30.62	Remp & Merrill	\$18.00
Rankin, Earl	134.75	Rencher, B. G.	30.00
Rankin, Frank S.	82.00	Rencher, Guy	12.00
Ranney, L. J.	17.50	Renner, Albert	18.75
Rapp, G. W.	10.50	Rennie, John M.	580.18
Rasmussen, A.	6.00	Republic Livery & Transfer Co.	1.50
Rasmussen, Charles	85.50	Republic Meat Co.	18.59
Rasmussen, Chris.	72.73	Reserve Grocery Co.	91.60
Rasmussen, James	33.00	Resinaga, O.	12.00
Rasmussen, Mrs. Katherine	12.50	Restner, Otto	3.75
Rasmussen Co.	4.55	Reverra, A.	42.00
Rasmussen, Robert	2.00	Rexroad, A. C.	6.50
Ratliff, William C.	2.40	Reyes, J. D.	8.50
Ratterree, Jack	15.00	Reyes, Rudolph S.	3.00
Rawlings, G. W.	.60	Reynolds, Albert	150.00
Ray, Arthur	4.50	Reynolds, Curtis	10.00
Ray, Frank	53.83	Reynolds, D. O.	120.00
Ray, J. Foster	6.87	Reynolds, George	66.00
Ray, J. W.	11.87	Reynolds, Gertrude	5.00
Raymer, Guy N.	186.00	Reynolds, Harry	69.00
Raymer, Samuel	6.00	Reynolds, H. C.	110.50
Raymond, Morris C.	42.75	Reynolds, Henry	58.00
Raymond, Paul	21.25	Reynolds & Co., S. H.	66.13
Read & Bros. Co., J. G.	65.00	Reynolds, Willis G.	75.00
Read, Joseph	17.00	Rhinehart, O. E.	430.00
Reavis, F. H.	64.54	Rhode, Herman	53.50
Reavis, Sarah	84.00	Rhodes, W. A.	61.50
Reber, Ed.	2.15	Rhodes, W. D.	61.00
Redd, Jr., J. M.	5.00	Rhodes, William	36.00
Redding, M. C.	4.80	Rhoads, Charles T.	64.50
Redeye, Earl	4.00	Rhynes, James J.	28.00
Redmon, Herbert	15.75	Ribera, Cristobal	14.25
Redolph, L.	21.00	Ribera, Juan	14.25
Redrock & Salmon River Telephone Co.	.70	Rice, A. W.	163.31
Redstone, Albert E.	12.00	Rice, F. B.	14.03
Reed, Charles E.	53.75	Rice, George	10.00
Reed, David	12.00	Rice, H. I.	70.00
Reed, C. S.	250.00	Rice, Hubert	28.00
Reed, Charles S.	420.02	Rice-McGaffee Co. (Ltd.)	15.70
Reed, C. W.	40.00	Rice, William	25.00
Reed, D. L.	17.00	Rice & Rice	16.65
Reed, Harrison	10.50	Rice, T. W.	76.25
Reed, Joe	19.50	Rice, W. F.	17.50
Reed, J. V.	3.50	Rich, Walter	39.44
Reed, M. F.	568.00	Richard, Joseph	42.50
Reed, Robert	40.00	Richards, Arnold	52.50
Reed, Sidney	22.00	Richards, C. W.	36.00
Reed, W. C., and H. M. Symons	100.00	Richards, J. D.	47.25
Reeder, C. A.	7.00	Richards Lumber Co.	100.58
Reeder, Pete	38.24	Richards, S. H.	25.00
Reedy, A. C.	49.00	Richardson Drug Co.	1.00
Reedy, Cicero	8.90	Richardson, D. H.	20.64
Reedy, M. J.	93.11	Richardson, Emmett L.	37.50
Reedy, Willie	16.00	Richardson, Herbert	12.50
Reel, C. E.	49.48	Richardson, Lee	93.75
Reely, J. W.	40.00	Richardson, Lilburn	24.00
Reer, George	59.50	Richardson, L. W.	20.00
Reese, Mrs. A. H.	46.50	Richardson Mercantile Co.	2.20
Rees Beddow Co., The	11.55	Richardson & Son	4.55
Reese, David	77.00	Richardson, Vern	30.00
Reger, J. M.	23.78	Richfield Implement Co.	33.41
Reid, Clement C.	17.00	Richmond, S. C.	4.21
Reid, David	64.00	Ricketts, Robert	32.50
Reid, Ernest	24.50	Rickey, E. L.	4.80
Reid, George O.	86.00	Riddle, E. F.	3.00
Reid, Sim	167.50	Ridenbaugh, W. H.	52.10
Reid, Tom	127.50	Ridenour, Emsley	31.00
Reid, W. G.	30.00	Ridenour, J. K.	15.00
Reilly & Co., E. M.	55.24	Ridenour, O. L.	21.00
Reinhard, J. P.	6.50	Ridgway, John	21.25
Reinwand, Len	143.00	Ridgway, Scott	106.25
		Ridley, Joseph	35.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Rigden, John.....	\$165.00	Rofinger, Albert.....	\$5.00
Rigdon, George G.....	17.36	Rogers, Daniel.....	177.00
Riggs & Haines.....	350.00	Rogers, G. H.....	75.00
Rignell, Gus.....	121.00	Rogers, Henry E.....	12.00
Riker, D. S.....	15.00	Rogers, Perry.....	1.00
Riley, Joseph.....	13.50	Rogers, R. L.....	34.50
Rimirez, Etonis.....	6.50	Rogers, W. C.....	7.80
Rinard, V. J.....	12.00	Rogers, W. L.....	12.75
Rinckel, John W.....	24.90	Rohde, Dan.....	4.00
Rinehart, Harry.....	28.00	Rohmer, William.....	57.50
Ringuette, John.....	7.00	Rohwer, R. W.....	77.50
Rippee, Bert.....	42.00	Roland, George.....	98.29
Rippee, Frank.....	50.75	Rolfson, Nels.....	43.90
Risley, Harvey.....	83.75	Rollen, A. S.....	10.50
Ritchey-Gibbons Hardware Co.....	13.25	Roller, Willie.....	7.50
Ritchford, William.....	5.15	Roll, F. A.....	2.00
Rittenhouse, S. P.....	6.00	Rollin, Frank.....	10.00
Ritter, James.....	7.50	Romero Advertising Sign Co., The.....	23.20
Ritter, J. W.....	14.90	Romero, Alvin.....	77.00
Ritter & MacRae.....	22.19	Romero, Andres.....	20.00
Rittmayer, J. W.....	34.50	Romero, Domingo.....	11.50
Rivera, E.....	12.00	Romero, Eugenio.....	89.40
Roach, Tom.....	35.00	Romero, James A.....	161.25
Roadifer, Clyde.....	35.00	Romero, Juan.....	7.50
Roadifer, Ralph.....	17.00	Rommel, George.....	7.50
Roadifer, William.....	9.00	Romo, Michel.....	108.50
Robbins, A. C.....	10.00	Rondeau, George.....	27.12
Robins, Will M.....	4.30	Rood, Harry.....	31.00
Robbs, John.....	12.00	Roosevelt Mercantile Co.....	16.00
Robbs, Wm.....	12.00	Root, A. E.....	100.00
Roberson, A. W.....	85.00	Roper, A. P.....	81.00
Roberson & Jacobson.....	142.46	Rose, C. W.....	16.50
Roberts, Arthur C.....	8.00	Rose, Herbert H.....	12.00
Roberts, Frank.....	13.98	Rose, Thomas.....	21.00
Roberts, J. W.....	161.50	Rosenbaum, C. E.....	11.25
Roberts, Thomas H.....	157.94	Rosenberg & Jones.....	18.40
Roberts, W. C.....	10.00	Roseberry, Paul.....	172.00
Robertson, A.....	144.30	Roseberry, R.....	107.50
Robertson, Harry.....	29.55	Roseburg Rochdale Co.....	16.90
Robertson, Herschel.....	25.75	Rosencrans, B. F.....	42.00
Robertson, James M.....	96.20	Rosenkrantz, Christian.....	29.75
Robertson, Mrs. James M.....	5.75	Rosenvall, E.....	4.35
Robertson, Jasper.....	48.87	Rosland Lumber Co., The.....	291.33
Robinette, J. W.....	30.25	Ross, B. D.....	56.00
Robins, C. L.....	16.00	Ross Drug Co., Tom.....	32.95
Robins, Claude.....	7.00	Ross, Ernest.....	121.37
Robins, Roy.....	223.62	Ross, Frank.....	46.12
Robins, Wilmer.....	11.25	Ross, John.....	43.75
Robinson, C. W.....	37.12	Ross, Norman.....	44.50
Robinson, Daniel.....	25.00	Ross, Neil I.....	77.50
Robinson, E.....	43.85	Ross, Robert F.....	50.00
Robinson, Emmet.....	10.00	Roth, Franklin.....	1.90
Robinson, Joseph.....	15.25	Roten, J. F.....	10.00
Robinson, W. J.....	29.50	Rothrock, Frank.....	39.00
Robison, C. W.....	39.00	Round Mt. Merc. Store.....	57.40
Robisheau, Joe.....	19.00	Roundy, Rees J.....	20.00
Robs, Bart.....	44.80	Roundy, W. A.....	138.82
Robuck, George & Co.....	21.20	Round Valley Commercial Co.....	192.78
Rockefeller, J. A.....	106.45	Ronneykamp, Nick.....	40.00
Rocky Mountain Bell Telephone Co.....	36.00	Rongemont, Lisardo.....	55.60
Rodda, John.....	8.30	Rounsville, A. G.....	150.00
Rodgers, Robert.....	2.00	Rouse, W. H.....	3.25
Rodman Bros.....	11.70	Routt Livery Barn.....	2.50
Rodriguez, H. Jose.....	12.00	Rowe, George W.....	14.35
Rodriguez, Refugio.....	20.00	Rowe, M. S.....	50.00
Rodriguez, C.....	2.00	Rowe, Sanford.....	147.25
Rodrigues, Felix.....	20.00	Rowell, Eugene.....	32.75
Roebbling's Sons Co., John A.....	1,905.97	Rowley, J. M.....	30.23
Do.....	931.29	Rowley, R. A.....	30.00
Do.....	2,238.33	Royal Bakery.....	1.30
Do.....	2,061.53	Roybal, Julio.....	13.50
Roeys, Hipoletes.....	7.50	Roybal, Reyes.....	2.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Royer, Charles.....	\$122.00	Salome Bros.....	\$7.60
Royer, Mrs. Lewis.....	88.00	Salter, G. B.....	2.50
Royer, Louis.....	219.55	Saltese Supply Co.....	221.46
Roy & Titcomb (Inc.).....	310.59	Salt Lake Hardware Co.....	83.40
Ruby Feed and Livery Stable.....	10.00	Salwold, George.....	17.50
Rule, Alonzo.....	107.50	Samaripa, Sellerio.....	2.00
Rule, A. J.....	41.50	Sammon, J. A.....	45.00
Rule, T. W.....	190.00	Samm, J. W.....	56.50
Rumsey, E. S.....	128.00	Samora, Lewis.....	19.00
Rundell & Meeder.....	42.82	Sams, Clarence.....	53.75
Runyan, J. S.....	12.00	Samuel Hill Hardware Co.....	15.50
Rupp & Greenbeck.....	25.85	Samms, William.....	34.12
Rushworth, Ed.....	5.25	Sanchez, Frank L.....	4.20
Russ Lumber & Mill Co.....	138.59	Sanchez, M.....	13.00
Russell, Elias.....	6.25	Sanden & Ferguson Co.....	3.84
Russell, Frank.....	74.00	Sander, Otto.....	94.50
Russell, George.....	25.00	Sanders, H. C.....	2.50
Russell, G. W.....	3.50	Sanders, Jess.....	42.87
Russell, J. J.....	27.20	Sanders, J. F.....	500.00
Russell, W. S.....	100.37	Sanders, J. M.....	300.00
Rust, A. A.....	217.46	Sanders, John R.....	15.00
Rust, Jay B.....	121.63	Sanderson, O. R.....	2.18
Ruth, Frank.....	84.37	San Diego Hardware Co.....	17.10
Ruth, J. H.....	19.50	San Diego Truck Co.....	4.50
Ruth, Paul.....	8.75	Sandridge, George.....	83.00
Ruth, S. W.....	69.73	Sandoval, Bonifacio.....	53.00
Ruvalcara, D.....	27.50	Sandoval, Cecilio.....	9.60
Ruvalcara, S.....	27.50	Sandoval, Lorenzo.....	2.25
Ruvalcara, Sdodoro.....	19.25	Sandoval, Pantalion.....	22.25
Ruvalcara, Saturnio.....	22.25	San Joaquin Light & Power Co.....	159.41
Ryan, B.....	58.50	San Marcial Mercantile Co.....	12.67
Ryan, B. W.....	69.00	Sans Bros.....	17.11
Ryan, Dick.....	51.00	Santa Fe Hardware & Supply Co.....	13.51
Ryan, Elbert.....	36.25	Sargent, D. H.....	164.00
Ryan, Joe.....	3.00	Sargent, Norman.....	130.00
Ryan, L.....	7.80	Sartin, J. E.....	4.05
Ryan, W. F.....	27.25	Saner, George.....	120.00
Rye, Lars.....	4.69	Sauk Timber Co. (Inc.).....	44.21
Sabachio, Salvin.....	34.12	Saunders, R. D.....	2.75
Sacks, Carl.....	63.00	Savage, Ben.....	192.50
Sackrider, Ira W.....	30.66	Savage, Charles T.....	17.82
Saffel, Sam J.....	75.00	Savage, W. J.....	185.00
Sage, Hosten Jim.....	21.56	Savercool, W. W.....	8.00
Sain, Clarence.....	28.00	Say, Arthur P.....	21.50
Sain, L. M.....	30.57	Say, Philip R.....	25.00
Saint, A. W.....	1.75	Sayles, Robert.....	99.25
Saint, J. C.....	90.00	Scarlett, Fred A.....	35.00
St. Anthony Building & Manufactur- ing Co.....	645.91	Schafer, George.....	60.75
St. Clair, Herbert.....	42.00	Schaffin, Joseph.....	21.00
St. Clair, Wallace W.....	100.00	Schalow, Charles.....	52.86
St. Croix Lumber Co.....	133.23	Schangaard, George.....	33.12
St. Germain, Alex.....	26.10	Scheben, Anthony.....	17.50
St. George Cooperative Store.....	172.09	Scheble, William J.....	38.49
St. George Drug Co.....	19.12	Schell, Robert.....	49.90
St. Helens Livery Stable.....	12.00	Scherer, Charles.....	6.00
St. Marie, John.....	4.00	Scherer, Henry.....	2.60
St. Thomas, Theo.....	10.00	Schlemm, Albert W.....	15.00
Salazar, Francisco.....	16.50	Schley & Co., Otto.....	4.55
Salazar, Manuel.....	13.50	Schmehl, Walter T.....	250.00
Salazar, Pedro.....	5.00	Schmidt, Claus.....	50.90
Saldaña, Insto.....	77.50	Schmidt, Fred H.....	9.48
Salgreen, Perry.....	1.50	Schmidt, John M.....	26.60
Salida Lumber Co.....	70.45	Schmitz, Anton.....	65.65
Salina Co-op.....	28.85	Schneider, B.....	10.50
Salisbury, E. A.....	3.50	Schneider, William.....	22.50
Sall, Henry.....	67.50	Schneider, W. L.....	151.20
Sallas, Jesus.....	40.25	Schock, C. S.....	109.12
Sallee, Leander.....	15.50	Schorling, Henry.....	30.00
Salmon & Farney Stage Line.....	4.70	Schreiber, Herman.....	33.00
Salmon Lumber Co. (Ltd.).....	166.77	Schreiber, Minnie L.....	5.85
Salmon River Mining Co.....	54.45	Schriber, Henry.....	22.50
Salmon River Stores Co. (Ltd.).....	15.37	Schroeder, August A.....	54.75
		Schuler-Knox Co.....	105.98

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Schultz, Will.....	\$6.00	Sharp, Will.....	\$17.50
Schulze, R. P.....	16.25	Shartzler, L. A.....	10.00
Schnster, A. & B.....	190.85	Shattuck, Fred.....	39.00
Schwabacher Bros. & Co.....	398.65	Shattuck & Nimmo Warehouse Co.....	334.50
Schwabacher Hardware Co.....	256.73	Shaw, E. G.....	37.62
Schwartz, Adolph.....	150.00	Shaw, G. H.....	15.00
Schwarz, J. C.....	31.30	Shaw Co., The H. C.....	49.76
Schwarzhaus, Fred.....	21.25	Shaw Lumber Co.....	87.95
Schweikert, M. H.....	115.01	Shaw, M. S.....	33.00
Schworer, Joseph.....	91.00	Shaw, W. H.....	16.00
Scipio, G. C.....	165.85	Shay, W. R.....	75.00
Scossa, Will.....	189.81	Shead, W.....	15.00
Scott, Charlie.....	15.50	Sheats, C. C.....	22.00
Scott, Chilt.....	7.50	Sheats, J. A.....	63.00
Scott, Dean & Scott.....	272.88	Sheats, S. D.....	38.00
Scott, G. H.....	14.00	Sheffer, H. A.....	10.00
Scott, I. W.....	18.00	Sheffield, S. G.....	6.75
Scott, Leonard.....	42.00	Sheick, E. T.....	27.00
Scott, W. E.....	10.53	Shell, W. M.....	22.50
Scott, William E.....	24.75	Shelley, A. B.....	42.50
Scott, W. F.....	25.50	Shelly, Albert.....	11.00
Scott, W. R.....	41.25	Shelly, B.....	1.47
Scow, Peter H.....	8.33	Shelton, F. M., jr.....	87.01
Seaman, Mrs. J. V.....	10.50	Shelton-Holtzman Lumber Co.....	40.50
Sears, A. P.....	20.50	Shelton, Lee.....	96.00
Sears, Frank.....	7.50	Shelton, M. C.....	90.00
Sears Roebuck & Co.....	18.56	Shenyer, Fred.....	38.25
Sears & Son, S. S.....	179.95	Shenon Hardware & Implement Co.....	85.11
Searway, Fred.....	25.00	Shepherd Mercantile Co.....	12.76
Seattle Hardware Co.....	496.96	Shepherd, Roy.....	12.50
Seattle Market.....	70.52	Sherier, Mrs. W. H.....	15.25
Seattle Paint Co.....	9.25	Sheridan Lumber Co.....	3.00
See, Edw.....	75.00	Sheriff, Court.....	14.40
See, Peter.....	153.87	Sherlock & Lee.....	4.50
Seeland, Chris.....	150.50	Sherman, D. E.....	19.00
Seeley, Herbert.....	6.75	Sherman, John.....	59.00
Seely Bros.....	8.00	Sherman, James H.....	17.40
Seely, Orange, jr.....	25.00	Sherman, H. I.....	40.00
Sega, Eustacio.....	29.75	Sherman, Samuel.....	27.35
Seller Electrical Works, Paul.....	4.10	Shermer, James.....	35.00
Self, Dee F.....	4.38	Sherrod, J. B.....	90.00
Self Forester Lumber Co.....	2.94	Sherwood, J.....	7.65
Self, J. W.....	4.25	Sherwood, John F.....	258.39
Selliez, Henry.....	16.25	Shields, Elmer A.....	51.25
Semenza, Lorenzo.....	33.12	Shields, Sam.....	60.00
Semmons, John.....	3.00	Shinabarger, B. J.....	40.50
Sennett, T. A.....	48.53	Shine Bros. & Co.....	20.60
Sennett & Wells.....	35.75	Shinkle, Fred L.....	47.00
Serrano, Clodobeo.....	10.00	Shinkle, R. M.....	9.00
Serrano, Elias.....	22.00	Shiple, L. B.....	9.50
Servantes, Jesus.....	29.75	Shipp, Perry.....	189.83
Server, George.....	14.60	Shipp, Watt.....	544.65
Service, Sam'l.....	1.00	Shively, L. P.....	6.00
Sessions, W. S.....	4.00	Snoem, W. C.....	63.50
Severe, Hamlin.....	5.00	Shores, B. F.....	15.00
Severe, L. C.....	48.75	Short, E. B.....	36.10
Severn, Arthur.....	15.12	Short, John F.....	13.00
Severn, Edw. D.....	16.50	Short, Mrs. J. H.....	2.50
Severson, Melvin.....	45.00	Short, W. L.....	40.80
Sevier Valley Planing Mills.....	119.05	Shorthill, R. H.....	5.00
Seward Cash Stores Co.....	.75	Shoshone Milling Co.....	11.25
Sewell & Co., A. W.....	17.80	Shotwell, E. E.....	229.41
Seymour, T. S.....	6.16	Showlow Sawmill Co.....	214.81
Shalhoob, Ed.....	111.25	Shrader, Thomas.....	4.50
Shaner, Otis E.....	371.00	Shu, W. C.....	.87
Shangle, F. E.....	52.50	Shull, E. D.....	93.75
Shangle, R.....	42.00	Shuman, W. C.....	51.50
Shank, Silas.....	37.32	Shundurling, Thomas.....	70.50
Shanley, W. J.....	60.00	Shupe, W. P.....	49.50
Shanley, W. P.....	98.75	Shy, James D.....	39.00
Shannon, E. C.....	72.50	Sibbett, James.....	92.05
Sharp, C. H.....	10.00	Sidener, Ed B.....	40.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Sides, Bert.....	\$50.00	Slinkard, Earl.....	\$40.00
Siebold, Frank.....	45.00	Sloan, John.....	126.25
Siefers, F. L.....	16.00	Sloan, Thos. W.....	93.43
Siegmund, Frank.....	1.75	Slocum, A. M.....	16.35
Sierra Nevada Lumber Co.....	35.85	Sloss & Son, J. F.....	16.25
Sierra & San Francisco Power Co.....	75.00	Sloss, S. P.....	25.00
Silsby, N. W.....	9.98	Slosser, D. E.....	10.00
Silva, Guillermo.....	65.00	Slothorvyr, A.....	132.00
Silver, D. A.....	36.25	Smart, Fred.....	13.50
Silver, D. A.....	16.25	Smeed Bros.....	11.50
Silvertooth, F. W.....	4.70	Smit, W. J.....	29.25
Silvertooth, J. A.....	40.14	Smith, Andrew.....	473.10
Simmons, John L.....	300.00	Smith, A. J.....	7.00
Simmons, T. J.....	48.00	Smith, A. M.....	5.00
Simmons, W. C.....	200.75	Smith, A. P.....	13.50
Simmons, Z. T.....	27.50	Smith, A. Z.....	32.00
Simmons & Beckon.....	73.00	Smith, Ben.....	69.52
Simmons, Matt.....	53.75	Smith Bros. Lumber Co.....	75.98
Simms, John.....	45.50	Smith, Benj. T.....	9.06
Simms, Matt M.....	107.50	Smith-Booth-Usher Co.....	56.55
Simons, J. K.....	33.75	Smith, Charles.....	12.50
Simons, William.....	1.00	Smith, Chris.....	15.00
Simons, Williard F.....	51.50	Smith, Chas. F.....	80.00
Simpson, Alex.....	32.75	Smith, C. F.....	53.20
Simpson, E. C.....	2.72	Smith & Corner.....	27.00
Simpson, George.....	65.50	Smith, C. P.....	6.00
Simpson, G. W.....	18.00	Smith, D. E.....	45.50
Simpson, Howard.....	17.00	Smith, Earl.....	78.50
Simpson, H. E.....	32.12	Smith, Earle.....	45.00
Simpson, Roy.....	12.55	Smith, Emmett.....	6.25
Simpson, Thos. H.....	27.00	Smith, Emmitt.....	3.00
Sims, A. L.....	22.50	Smith, Earl A.....	13.88
Simson, H.....	83.00	Smith, E. A.....	5.00
Sinclair, C. J.....	339.00	Smith, E. E.....	48.00
Sinclair, J. B.....	18.00	Smith, Francis.....	5.63
Sinclair, Norman A.....	129.91	Smith, Fred.....	1.50
Sindlinger & Niles.....	12.00	Smith, Forest S.....	84.16
Sines, Henry.....	4.75	Smith, George.....	5.00
Sing, Fong.....	60.00	Smith, G. C.....	11.00
Sing, Joseph.....	12.00	Smith, George D.....	132.41
Singleton, H. B.....	92.00	Smith, G. L.....	10.00
Siria, P. C.....	105.00	Smith, Hiram.....	37.64
Sisemore, L. C.....	266.25	Smith, Henry.....	50.00
Sisley, W. B.....	52.50	Smith & Humbert.....	60.60
Sisson, Lavern.....	49.50	Smith, Ivan.....	32.00
Sitherstrom, Eric.....	38.00	Smith, Joe.....	5.00
Sittereerd, George.....	19.63	Smith, John.....	238.26
Siutslaw Live Stock & Dressed Meat Co.....	89.95	Smith, John.....	44.00
Sizemore, John.....	45.00	Smith, J. E.....	385.00
Sizemore, J. Lewis.....	5.20	Smith, J. X.....	16.00
Sizemore, John R.....	71.25	Smith, L.....	10.00
Skaar, Chris.....	98.00	Smith, LaFayette.....	2.25
Skaar, E. T.....	39.23	Smith, Leo.....	8.25
Skalet, O. O.....	10.00	Smith & La Forest.....	22.00
Skantz, John.....	20.25	Smith, Luke E.....	68.75
Skarr, Eilert.....	8.00	Smith, L. L.....	286.00
Skausen, Erastus.....	20.00	Smith, L. T.....	111.66
Skillman, S. P.....	4.00	Smith & McIntosh.....	26.00
Skinner, C. W.....	17.50	Smith, Nelson.....	250.00
Skinner, E.....	17.75	Smith & Petton.....	90.72
Skinner, Walter.....	50.00	Smith, Robert.....	15.00
Skinner, W. J.....	163.00	Smith, S. W.....	47.50
Skykomish Lumber Co.....	15.00	Smith, S. T.....	44.24
Slagle, Edward F.....	20.00	Smith-Sherlock Co.....	11.50
Slagle, E. W.....	35.00	Smith, Thatcher.....	23.02
Slagle, R. H.....	48.00	Smith, Tom.....	1.87
Slater, Ray.....	15.62	Smith & Williams.....	40.16
Slater, William.....	22.25	Smith, W. A.....	3.00
Slavens, H. R.....	87.50	Smith, W. C.....	169.12
Sleeper, Van B.....	89.75	Smith, W. K.....	98.25
Slenkamp, August.....	8.78	Smith, W. M.....	60.00
Sliffe & Brierly.....		Smith, W. T.....	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Smither, Thos. B.....	\$42.00	Spencer, Joe B.....	\$68.24
Smith's Transfer & Storage.....	2.00	Spencer, R. C.....	62.99
Smithson, Frank.....	52.25	Spencer, S. F.....	62.99
Smoole, Henry.....	90.00	Spencer, W. G.....	53.00
Smoot, Frank.....	39.25	Spencer, William T.....	63.25
Snake River Lumber Co.....	76.32	Sperling, Leon.....	10.00
Snake River Implement Co. (Ltd.).....	14.14	Spicer & Jones Co.....	271.61
Sneed, F. D.....	38.50	Spiers, Isaac.....	170.17
Snell, George.....	5.00	Spokane Seed Co.....	7.55
Snell, L. H.....	63.89	Spore, Clarence.....	182.00
Snell, N. E.....	102.00	Spradling, Henry.....	242.03
Snider, Dave.....	83.00	Sprague, F. J.....	157.00
Snider, D. N.....	2.00	Sprague, James.....	6.00
Snow, Ellis B.....	5.65	Sprague, W. J.....	213.00
Snow Furniture Co., E. B.....	13.80	Springs, Thomas A.....	3.50
Snow, Jeter.....	10.00	Spurgeon, Steve.....	7.50
Snow, Wilber R.....	31.00	Spurrier, Henry.....	46.00
Snyder, G. M.....	38.12	Square Deal Grocery, The.....	62.20
Snyder, Riley J.....	49.02	Stack Supply Co. (Inc.).....	145.77
Snyder, Simon.....	13.75	Stacy, F. A.....	47.15
Sobel, M.....	23.16	Stafford, Conrad.....	80.00
Soderholm, Nels E.....	17.50	Stafford, Roy.....	11.00
Solario, F.....	85.50	Stagg, J. P.....	25.00
Soley, Hans.....	33.75	Stahl, Fred.....	143.00
Sollorio, Eucaris.....	54.75	Stahman, F. W.....	22.00
Sollorio, Jesus.....	55.75	Stanchard, George A.....	3.00
Sollorio, Pacuali.....	55.75	Stanchfield, A.....	13.00
Soll, Henry.....	125.00	Standard Furniture Co.....	48.95
Solorio, Julio.....	28.75	Standard Lumber Co.....	422.65
Solwold, George.....	1.00	Standart Bros.....	33.25
Somers Lumber Co.....	85.28	Standifird, Benj.....	4.00
Somes, Leny A.....	7.00	Standifird, J. H.....	6.50
Sommer, Maurice.....	62.07	Standridge, Lafayette.....	12.00
Sontag, A.....	80.00	Standridge, Lum.....	2.00
Sorensen, Chris.....	42.75	Stanley, Ernest.....	61.00
Sorensen, Erastus.....	1.50	Stanley, J. H.....	15.00
Sorensen, Joseph.....	27.00	Stanley, Roy.....	333.00
Sorensen, Orson.....	31.00	Stapley & Co., O. S.....	1,232.19
Sorensen, Peter.....	19.00	Stapple, John.....	3.00
Sorensen, S. C.....	28.15	Stapleton, F. E.....	160.00
Sorber, J. F.....	28.12	Stark, Wm.....	40.00
Sotherland, Eric.....	150.75	Starkey, L. J.....	6.00
Souter, Dale.....	20.25	States, G. F.....	655.74
South, Dock F.....	70.85	States & Natzel.....	8.32
South, G. W.....	97.15	Statton, W. O.....	46.49
South, Perry A.....	12.00	Statts, John.....	80.00
Southard, R. A.....	43.50	Staub, Wm. H.....	60.00
Southard, S. F.....	2.07	Stauffer, Roy.....	6.13
Southern Utah Experiment Farm.....	11.77	Stevens, Edd.....	42.00
Southern Utah Equitable.....	65.10	Stedman, William L.....	65.50
Southour, A.....	66.00	Stedry, J. P.....	120.15
Southwest Lumber Co.....	1,212.60	Steel, Harry.....	43.75
Southwick, E. A.....	8.00	Steele, George.....	24.00
Southwick, W. B.....	31.00	Steele, H. R.....	16.00
Sowa, William A.....	28.00	Steele, Joe.....	24.00
Spalding Lumber Co., W. R.....	20.00	Steeper, E. M.....	34.00
Sparhawk, Frank O.....	10.00	Steinfeld & Co., Albert.....	52.61
Sparks, E.....	22.50	Steinkamp, August.....	37.13
Sparks-Moore Mercantile Co.....	169.50	Stell, William.....	9.00
Sparr Co., The C. W.....	24.65	Stephan, George H.....	9.02
Spaulding, L. F.....	42.00	Stephens, Alvin.....	13.50
Spaulding, N.....	2.00	Stephens, A. M.....	124.00
Speaker, G. C.....	148.75	Stephens, John.....	81.00
Spear Bros.....	30.00	Stephens, J. Ray.....	12.37
Spear, Frank.....	283.50	Stephens, Sidney.....	83.13
Speelman, Geo. E.....	118.75	Stephenson, jr., George.....	10.50
Speelman, Harry C.....	165.62	Stephenson, sr., George.....	10.50
Speer Hardware Co.....	25.39	Stephenson, J. P.....	9.00
Spence, H. E.....	29.15	Stephenson, Raymond.....	8.00
Spencer, B. B.....	126.35	Stephenson, W. W.....	639.00
Spencer, H. B.....	62.99	Steptoe Valley Lumber & Coal Co.....	344.31
Spencer, Harwood & Co. (Ltd.).....	100.00	Sterling, C. A.....	32.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Sterling, William.....	\$3.60	Stratton, Ellis L.....	\$19.50
Stevens, A. R.....	447.25	Strawn, Alfred L.....	9.00
Stevens, C. C.....	4.62	Strawn, Glenn.....	35.00
Stevens, Fred.....	13.00	Strawn, Nickolas.....	79.00
Stevens, F. A.....	39.13	Streater, Charles F.....	10.00
Stevens, F. J.....	10.00	Streater, J. W.....	10.00
Stevens Hardware Co.....	50.67	Streater, L. M.....	10.00
Stevens, H. H.....	6.00	Street, Lewis.....	11.37
Stevens & Co., Jos. E.....	93.45	Streeter, A. D.....	30.00
Stevens, J. W.....	43.85	Stringer, A. F.....	37.05
Stevens Hardware Co., J. W.....	1.00	Stringham, David.....	32.87
Stevens, Lee.....	83.87	Strobridge, J.....	27.50
Stevens, Montague.....	118.89	Strobridge, Ben.....	22.50
Stevens, Sidney, Implement Co.....	45.65	Stromberg, C. A.....	12.00
Stevens, Wilfred.....	22.00	Stromshag, Henry.....	17.50
Stevenson, E. R.....	40.00	Stromshag, Martin.....	17.50
Stevenson, W. H.....	29.75	Strong, Fred W.....	8.00
Stevensville Mercantile Co.....	241.70	Strong, G. F.....	83.90
Stevson, Charles.....	91.30	Strong, John.....	100.25
Steward, Jesse.....	24.00	Strong Co., R. H.....	7.25
Stewart, C. D.....	30.00	Strough, Arlie E.....	34.50
Stewart, F. P.....	177.50	Strowse, J.....	111.25
Stewart, George.....	25.00	Strowse, N. A.....	26.25
Stewart, H. B.....	9.00	Stuard, Jesse.....	18.00
Stewart, John.....	130.08	Studebaker Bros. Co.....	95.00
Stewart Co., J. E.....	137.32	Stukey Bros.....	72.45
Stewart, James H.....	81.62	Stukey Welch Lumber Co.....	9.91
Stewart, Thomas.....	61.27	Stump-Spaulding Lumber Co., The.....	82.46
Stewart, Virgil.....	327.30	Sturgis Auto & Machine Co.....	32.39
Stidham, Pat.....	74.25	Sturgis, E. L.....	16.25
Stiers, S. M.....	2.75	Styles, L.....	36.00
Stillinger, C. A.....	46.53	Suazo, Benerito.....	3.50
Stimmel, E. H.....	158.70	Suazo, Manuel.....	3.00
Stine, Fred.....	5.40	Suazo, Rutilio.....	3.00
Stine, F. J.....	31.48	Suby, Joe.....	6.00
Stine, Noah.....	95.00	Suess, Emil.....	11.00
Stinson, Dick.....	77.00	Sugh, Nghna.....	50.00
Stinson, Joe.....	60.00	Suits, Edwin.....	94.00
Stirling, jr., W.....	8.00	Sullivan, Clifford.....	10.73
Stith, Jess W.....	2.50	Sullivan, Charles R.....	32.15
Stock, H. J.....	102.00	Sullivan, R. J.....	76.25
Stockbridge, A. J.....	27.00	Sulzbarger, Martin.....	7.50
Stocks, Edd.....	62.00	Sulloway, Earl.....	60.00
Stockham Bros.....	1.90	Sulloway, J. W.....	106.00
Stocks, George M.....	15.00	Summit Co. Mercantile Co.....	18.25
Stoddard, E.....	6.00	Sumner, R.....	40.75
Stoddard & Son.....	39.95	Sumsion, J. & D.....	50.00
Stokesberry, W. W.....	182.50	Sundance Hardware Co.....	3.95
Stone, Clara M.....	83.25	Sundell, Pete.....	16.25
Stone, Eugene M.....	74.50	Supan, C. D.....	86.82
Stores, Frank.....	92.50	Supan, Milton.....	124.25
Stone, L. T.....	15.50	Super, Henry.....	132.50
Stone, P. L.....	97.88	Sutherland, John G.....	35.50
Stone, W. F.....	20.65	Sutton, B. H.....	9.00
Stoneberg, Oscar.....	22.00	Sutton, Ed.....	12.20
Storbo, Alfred.....	93.00	Sutton, Jesse.....	32.00
Storbo, P. T.....	94.52	Sutton, John A.....	5.13
Storbo, Theodore P.....	27.00	Suoerkrup, John.....	1.04
Storer, C. H.....	30.00	Suveryly, David.....	138.75
Storey, Mrs. A. W.....	1.50	Suydam, Ely.....	7.00
Storey, Percy.....	103.50	Svensen, N. E.....	39.00
Storv, C. P.....	10.00	Swanfeldt Tent & Awning Co.....	58.06
Storm, Geo. H.....	7.50	Swanson, August.....	9.55
Stott, W. F.....	15.00	Swanson, Swan H.....	11.00
Stotts & Jarchow.....	4.05	Swapp, J. A.....	123.00
Stout, W. A.....	5.00	Swearingen, W. H.....	4.37
Stover, Abe D.....	60.25	Swearingin, W. H.....	13.00
Stowell, Jesse.....	62.99	Swedish-American Telephone Co.....	10.88
Strader, Tom.....	49.50	Swenson, Henry.....	132.97
Strader, W. T.....	51.75	Swiers, Charles W.....	9.00
Straight, Wesley.....	35.00	Swift, F. M.....	122.50
Strake, Fred.....	54.50	Swift, J. M.....	5.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Swigard, G. M.	\$7.75	Thayer, S. B.	\$18.00
Swindle, Harmon	20.62	Thayer, T.	57.00
Swindle, Heber	3.00	Thayer, Thos.	105.00
Swindle, J. H.	89.50	Thayne, Roy	13.75
Swope, George	32.50	Therault, Byron L.	38.00
Sykes, S. K.	190.88	Thesing, Henry	15.00
Syler, Frank	162.50	Theurer Bros.	18.16
Sypher, A. W.	20.00	Thibadeau, Lezine	44.00
Taber, Chas. E.	32.50	Thibods, Russell	86.62
Tabor, Chas.	22.00	Thiel, Ferdinand H.	5.00
Taeckens, Edward	37.50	Thissell, Hal	19.50
Tagert, W. C.	6.00	Thomas & Brown	7.00
Talavera, Jose	17.00	Thomas, C. H.	51.75
Talley, Henry	46.25	Thomas, C. L.	119.80
Talley, J. A.	13.12	Thomas, D. M.	100.45
Talmage, W. A.	131.48	Thomas Furniture Co., D. P.	47.58
Talous, John	34.74	Thomas, Frank	6.50
Tan, Hosleem	22.63	Thomas, George	46.12
Tanner, McMullin	21.30	Thomas, G. H.	90.00
Tanum Lumber Co.	8.33	Thomas, Geo. S.	3.50
Taos Mercantile Co.	10.00	Thomas & Hild.	3.75
Tapia, Cayetano	20.50	Thomas, J. L.	15.00
Tarbox, Harry	375.00	Thomas, O. H.	18.00
Tarez, Louis	15.00	Thomas & Son Co., The R.	17.01
Tate, U. G.	34.12	Thomas, R. M.	43.75
Tatum, C. W.	12.65	Thomas, Roy	18.10
Taylor, Arthur	57.00	Thomas, Wm.	62.13
Taylor, Athol W.	30.00	Thomason Bros. Hardware Co.	137.35
Taylor, Ben.	76.00	Thomason, C. E.	11.25
Taylor, B. F.	1.50	Thomason, L. E.	41.62
Taylor & Birdsong	45.33	Thompkins, & Co.	18.47
Taylor Bros. (Inc.)	5.25	Thompson, A. L.	96.15
Taylor, Delford	24.00	Thompson, B. H.	25.00
Taylor, E. H.	2.00	Thompson, Chas. C.	5.40
Taylor, G. C.	61.25	Thompson, Chas. P.	39.00
Taylor, George E.	7.80	Thompson Creek Sawmill Co.	131.89
Taylor, H. E.	6.50	Thompson, E. W.	4.00
Taylor, Howard	14.00	Thompson, Ezra	47.75
Taylor, H. R.	56.15	Thompson Falls Mercantile Co.	552.85
Taylor, Jerome	48.00	Thompson, Frank	41.00
Taylor, John	101.00	Thompson, Frank V.	36.31
Taylor, L.	123.00	Thompson, Gorden	4.00
Taylor, Marshall	2.88	Thompson, G. W.	33.50
Taylor, M. B.	4.50	Thompson, Hardin	3.50
Taylor, Orten	358.02	Thompson, H. R.	61.84
Taylor, Robt. L.	116.00	Thompson, Hyrum	22.00
Taylor, Roy	37.50	Thompson, James A.	123.00
Taylor, S. M.	6.00	Thompson, J. E.	19.00
Taylor, S. R.	18.00	Thompson, Jim	4.00
Taylor, W. C.	47.12	Thompson, J. M.	29.42
Taylor, W. D.	21.63	Thompson, John	28.00
Teaford, George	25.00	Thompson, John E.	14.55
Teeple, D. J.	19.20	Thompson, K.	19.50
Teeters, Jacob	15.00	Thompson & Landers	155.27
Temple, Geo. H.	14.16	Thompson, Maurice	57.50
Templin, R. F.	8.00	Thompson, M. H.	67.50
Tench, W. B.	19.25	Thompson, M. P.	41.75
Tench, W. J.	12.00	Thompson & Peterson	15.50
Ten Eyck, Edward	77.50	Thompson, R. B.	11.25
Ten Eyck, George	33.50	Thompson, R. M.	326.02
Tennell, Sam	182.00	Thompson, Theo.	2.50
Ten Sleep Lumber Co.	23.44	Thompson, Thomas	39.00
Terrill, Warren	36.00	Thompson, Thos.	22.50
Terry, C. E.	40.38	Thompson, S. W.	9.25
Terry, Reuben	59.43	Thompson, W. E.	35.00
Tetreault, Arthur	35.00	Thompson, Webb	19.50
Thalis, H. L.	6.99	Thompson, W. T.	63.14
Thatcher, W. H.	40.00	Thorn, Wm. F.	132.89
Thayer, A. H.	10.00	Thornburg, Harrison	18.75
Thayer, C. E.	18.00	Thornburg, J. E.	22.50
Thayer, Ezra W.	42.00	Thornburg, W.	4.00
Thayer, Paul	105.00	Thornburg, Wm. A.	34.25



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Thornburg, Jr., Wm.	\$7.50	Trowbridge, D.	\$5.00
Thorneloe, Thomas.	58.50	Troyer, Wellington.	2.50
Thornton & Sons, A. K.	116.44	Truckee Mercantile Co.	16.75
Thornton & Prince, E. G.	294.63	Trudell, Oliver.	24.00
Thornton, George.	20.00	True, Jim.	18.00
Thoroughman, Edw.	58.75	Trueax, R. J.	14.00
Thorpe, Geo. A.	41.72	Ernest, Truesdell.	225.25
Thorpe, Mrs. Thomas.	9.30	Truesdell, William.	27.00
Three Creek Lumber Co.	284.95	Trujillo, Adelaido.	34.00
Three Mile Threshing Co.	3.65	Trujillo, Antonio A.	40.45
Throckmorton, Robert O.	90.00	Trujillo, Emilio.	25.00
Thurber, Fred W.	17.50	Trumbo, U. B.	15.75
Thurston, D. H.	46.00	Truman, M. S.	10.00
Thurston, H. W.	59.75	Trucker, A. Ray.	51.80
Tier, Percy.	76.00	Tucker, J. J.	31.19
Tiffany, A. G.	22.27	Tucker, J. W.	428.25
Tillery, John.	20.63	Tucker, L. E.	7.25
Tillyer, Fred.	32.37	Tucson Hardware Co.	10.15
Timmugs, Alexander.	7.00	Tuft, Viren.	11.25
Timmey, B. J.	17.23	Tuldsend, J.	67.00
Timms, Arch.	31.50	Tully, Ora G.	51.50
Timms & Sons, Chas. H.	36.04	Turbville, Albert.	22.70
Tinsley, G. W.	66.52	Turin, Jose.	31.87
Tipton, Marion W.	16.28	Turley, T. W.	44.61
Tisnado, Sulbridor.	40.00	Turnbow, A. A.	63.44
Titus & Spiedel.	235.00	Turnbow, J. G.	4.50
Toland, Ernest H.	115.75	Turner, A. B.	17.50
Tolley, L. A.	16.00	Turner, Edward.	135.00
Tomchuk, John.	4.00	Turner, E. M.	185.00
Tomkins, Lewis H.	13.81	Turner, Geo. W.	4.00
Tomlinson, E. W.	15.00	Turner, Gilbert S.	10.00
Tommas, W. H.	24.00	Turner, H. H.	88.75
Tompkins Bros. Hardware Co.	22.84	Turner, H. J.	112.50
Tompkins, Chas.	40.00	Turner, James.	5.00
Touseh, D.	19.68	Turner, R.	120.00
Touseh, L. M.	37.12	Turner, Rozel.	34.30
Topel, Charles.	50.00	Turner, Steve.	36.40
Torgerson, C. E.	253.96	Tuttle, C. A.	25.50
Torres, Bonifacio.	21.00	Tuttle & Co., L. T.	2.00
Torres, Esteban.	30.40	Tuttle, W. I.	98.62
Totton, John.	32.75	Twiggs, R.	157.71
Tower, E. W.	59.00	Twin Bridge Lumber Co.	126.12
Tower, J. B.	59.00	Twisp Department Store.	28.25
Townsend, Jesse M.	20.00	Twitchel, Ed.	15.40
Townsend, R. A.	10.00	Tyler, H. E.	18.00
Townsend, W.	58.50	Tyrell, George.	2.50
Trabucco, John.	227.13	Udall, Jos.	17.00
Tracy Bros.	10.31	Ulbricht, Richard.	6.00
Tracy, W. W.	59.50	Ulrich, Arna C.	24.00
Trader, Thos.	200.00	Umbach, Chas.	51.00
Trafton, L. A.	23.40	Umphers, John H.	75.00
Trafton, William D.	15.30	Underhill, Elbert.	208.31
Trail, Clarence.	50.00	Underwood, H. J.	20.00
Traitor, Thomas.	51.25	Union Lumber Co.	522.88
Trammell, Toney.	8.00	Union Mill Co., The.	63.13
Trapp, Robert H.	50.00	Union Trading Co.	8.24
Trantvlien, Herman.	115.98	United States Lumber Co.	75.75
Travis, Frank.	25.00	United States Reclamation Service.	78.75
Traweek, C. C.	39.42	United Stores Co. (Inc.).	15.25
Trayes, Frank.	11.25	Upham, Frank.	1.00
Trevillior, John.	162.00	Upland Hardware Co.	17.45
Trieber, Wm. F.	15.85	Upton & Cowell.	735.00
Trimble, Chas. E.	24.00	Upton, Lee.	2.00
Trimble & Co., W. L.	20.00	Urizar, Pio.	12.00
Trinity Sugar Pine Co.	63.23	Urquhart, Keith A.	159.00
Triplett, Willard.	10.50	Utah Construction Co.	43.54
Trich Hardware Co., Geo.	11.70	Utah & Eastern Copper Co.	4.02
Trobee, J. A.	2.50	Ute Park Resort Co.	9.00
Trombo, John.	49.50	Utz, Robert.	38.00
Trompetto, Marc.	21.00	Utz, Thomas.	123.75
Trotter, J.	21.50	Vaca, Nicholas.	126.50
Trotter, James T.	33.00	Valdez, Esquipula.	3.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Valdez, Juan.....	\$93.50	Wagstaff, Mrs. Elvira.....	\$5.25
Valley Hardware & Implement Co.....	2.78	Wahl, John J.....	365.70
Valley Mercantile Co.....	28.50	Wahlgren Furniture Co.....	6.30
Valley Ranch, The.....	2.50	Waid, J. E.....	22.75
Van, Geo.....	36.25	Waits, R.....	5.00
Van Antwerp, Roland B.....	11.00	Wakefield, J. B.....	350.91
Vance, James D.....	67.10	Walberg, Andrew.....	20.00
Vance, Marion.....	89.00	Walberg, Anna.....	7.20
Vance, Stephen.....	30.25	Walberg, John.....	44.00
Vandeburgh, Jerry.....	5.00	Walbert, Thomas.....	2.00
Vanderberg, Peter.....	300.00	Walck, J. D.....	10.00
Van Deren, W. C.....	18.00	Waldbillig, J. J.....	28.00
Vanderveen, John.....	25.00	Waldo, George B.....	29.60
Vandiver, J. L.....	68.08	Waldo & Nottingham.....	2.00
Vandiver, S. E.....	2.45	Waldorf Bros.....	7.80
Van Dyke, J. D.....	8.00	Waldport Lumber Co., The.....	104.08
Vangundy, D. E.....	22.00	Waldron Drug Co.....	4.45
Van Horn, Howard.....	16.25	Waldron Hardware Co.....	95.57
Van Horne, Russell.....	45.00	Walfenbarger, John.....	105.00
Van Houten, M.....	198.50	Walker, C. L.....	20.00
Van Meter, J. H.....	16.00	Walker, E. F.....	24.20
Van Pelt, Harry.....	21.25	Walker, H. G.....	177.50
Van Pelt, Wm.....	21.25	Walker, H. H.....	15.60
Van Slyke, John R.....	316.31	Walker, J. E.....	6.75
Van Vleck, Frank.....	25.40	Walker & Lebow.....	98.15
Van Wagenen & Co., G. S.....	8.00	Walker, T. J.....	55.40
Van Winkle, F. G.....	11.37	Walkup, R. L.....	50.70
Van Winkle, J. B.....	74.75	Wall, Harold.....	7.50
Van Winkle, J. T.....	39.00	Wall, John P.....	163.94
Varley, G. A.....	4.00	Wallace, Charles W.....	100.00
Varquez, G. A.....	46.50	Wallace Lumber & Manufacturing Co.....	215.96
Varquez, Vicente.....	33.50	Wallace, R. S.....	32.75
Vasquez, Pablo.....	68.50	Wallace, Wm.....	7.15
Vaughn, Geo. W.....	9.70	Wallen, Charles E.....	24.50
Vaughn, Guy.....	52.50	Wallop & Moncreiffe Lumber Co.....	9.60
Vaughn, J. G.....	61.60	Wallowa Mercantile Co.....	22.95
Vaughn, Mrs. J. G.....	2.70	Walls & Gloster.....	4.50
Vaughn, Joseph.....	167.00	Walp, Roy.....	133.08
Vaughn, Nick.....	22.50	Walter, J. C.....	129.90
Vaughn, Ross.....	35.00	Walter, Paul.....	13.50
Vaughn & Sons.....	28.12	Walters, Arthur W.....	35.50
Vawter, C. B.....	38.75	Walters, F. J.....	10.45
Valensuela, Rafael.....	44.25	Walters, Harry.....	118.50
Vendiola, Eulalio.....	7.00	Walton, Lavern.....	49.00
Venuela, Rafael.....	17.25	Walton, Farley.....	67.80
Vermillion, W. L.....	30.00	Walton, F. L.....	32.62
Varetta, Pete.....	50.00	Walton, Ray.....	143.07
West, Ira.....	110.00	Wampler, M. H.....	19.00
Vialoro, A.....	12.00	Wamsley, Luther.....	21.00
Vickery, Munn.....	22.20	Wanach, C. J.....	11.00
Vigil, Florencio.....	59.54	Wanamaker, Mrs. Alvin.....	12.38
Vincent, Chas. C.....	79.02	Wander, Frank.....	65.00
Vincent, W. H.....	77.50	Wang, I. C.....	75.00
Vinson, V.....	4.50	Ward, Charles W.....	42.00
Vinyard, V. A.....	33.00	Ward, James.....	46.75
Virden, A. C.....	10.25	Ward, L. M.....	64.75
Vittrup, Anton N.....	15.00	Ward & Co., Montgomery.....	151.50
Vogt, Elmer.....	97.50	Ward, P. A.....	20.68
Vojorquez, Antonio.....	17.00	Ward, S. W.....	6.72
Von Thun Co., D. G.....	10.15	Ward, W. E.....	103.50
Wachob, C. T.....	3.50	Ward, W. L.....	139.54
Wachob, C. W.....	13.00	Ward, Thomas.....	31.00
Wachob, P.....	15.00	Wardlow, Frank.....	12.65
Waddell, John.....	43.00	Wardlow, Harry.....	15.00
Wade, B. F.....	50.00	Warmoth, Kerling Co.....	80.56
Wadleigh, Don H.....	263.75	Warner, Arthur.....	68.63
Wadman & Burnham.....	8.15	Warner, C. L.....	40.00
Wadsworth, H. A.....	160.00	Warner, James L.....	10.62
Wagner, Frank H.....	26.00	Warnock, Geo.....	39.59
Wagner, Joe.....	63.75	Warr, M.....	7.50
Wagner, Ph.....	37.50	Warren, Albert.....	26.87
Wagner, T. H.....	65.00	Warren, B. F.....	5.50
Wagnor, John M.....	147.50	Warren, C. C.....	5.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Warren, R. H.	\$7.50	Welchman Bros.	\$61.28
Warren, W. H.	1.50	Wellock, A. E.	1.00
Wasatch Livery Stable	3.00	Wells & Morris.	71.01
Washburn, B.	7.75	Wells, Ike.	4.50
Washington Commercial Co.	46.40	Wells, R. E.	27.00
Washington Portland Cement Co.	152.78	Wells, R. H.	3.00
Washob, C. T.	1.50	Wells, S. P.	28.00
Wasson, Thomas.	18.00	Welsh, Clyde.	54.00
Wassum, W. W.	118.68	Welter, Pracht & Schmitt Bros.	88.21
Waters, James A.	100.00	Welter, Wm.	17.50
Watkins, C. T.	9.75	Welty, F. A.	283.68
Watkins, E. L.	14.80	Wenatchee Lumber Co.	80.44
Watkins, Herbert E.	237.50	Wendell, Fred.	3.06
Watkins Hardware Co.	524.91	Werley, John.	15.00
Watkins, J. W.	59.25	Werly, Jesse C.	208.00
Watkins, Louis.	15.00	Werner, J. C.	200.00
Watkins Lumber Co.	5.14	Werner, W. J.	87.50
Watkins, Ray.	12.00	Wertheimer & Bro., M. J.	15.15
Watrous, F. L.	239.47	Wesley & Cross.	2.50
Watrous, H. R.	16.00	Wessels, Clarence.	8.80
Watson, C. R., & Co.	185.85	West, A. L.	9.24
Watson, C. S.	10.85	West, B. H.	12.50
Watson, Ed.	99.00	West, E. C.	31.50
Watson, Jas., & Co.	14.40	West, Geo. E.	11.00
Watson, Marion B.	12.00	West, Geo. H.	32.20
Watson, Richard.	76.56	West, Joe.	74.00
Watson, S.	17.65	West, Selwyn B.	44.25
Watson, W. J.	44.00	West, T. C.	56.00
Watt, W.	76.00	West, Wm.	448.49
Watters, Charles.	20.00	Westcliffe Hardware Co.	152.66
Watterson, Geo.	105.12	Western Electric Co.	7,935.45
Watterson, Geo., Hardware Co.	544.46	Western Lumber & Grain Co.	8.88
Wayman, Samuel.	20.00	Western Moline Plow Co.	107.50
Weare, C. R.	4.00	Western Tie, The.	20.40
Weaver, J. R.	9.00	Western Warehouse Co.	4.66
Weaverville Electric Co.	2.10	Westfall, B. F.	27.62
Weaverville Supply Co.	445.56	Westfall, C. C.	8.00
Webb, B. W.	28.00	Westfall, S. W.	2.00
Webb, H. J.	2.90	Weston, Samuel.	37.00
Webb, Jr., John.	3.00	Westover, William.	67.50
Webber, C. W.	10.00	Westphal, Chas.	35.75
Webber, J. S.	10.00	Wetherell, C. F.	266.43
Webber, Todd.	20.88	Wetherell, Oland.	42.00
Weber, Chas.	52.30	Wethern Charles S.	40.00
Weber, F. B.	5.75	Wethern, Ernest.	10.00
Weber, H. O.	75.00	Wetter, John H.	159.32
Weber, Jacob C.	74.00	Wetzel, Chas. H.	75.25
Weber, Otto.	5.50	Wetzel, John.	9.00
Webster Eckhart & Sims Co.	191.72	Wetzler, Frank.	66.50
Wedum Lumber Co., A. J.	75.20	Whaley Bros.	13.00
Weeter Lumber Co. (Ltd.)	247.31	Whalley Lumber Co.	1,161.54
Wegner, H.	98.75	Wheat, W. R.	10.80
Wegner, Percy.	77.25	Wheaton, Chas.	11.25
Weightman, John.	21.00	Wheaton, TheroId.	11.25
Well, A.	69.24	Wheeler & Claspill.	97.90
Welmer & Shubert.	14.25	Wheeler, D. M.	7.50
Welmer, Thos. J.	176.00	Wheeler, G. E.	31.50
Weisenflush, Otto.	38.75	Wheeler, James.	31.00
Weiser Lumber Co.	26.77	Wheeler, Jones.	12.00
Weiss Mercantile Co., A. J.	126.95	Wheeler, P. M.	3.00
Weiss Chapman Drug Co.	6.30	Wheeler, Samuel J.	19.12
Weissbaum, G., & Co.	74.26	Wheeler, T. H.	1.95
Weitman, Dean.	72.50	Wheeler, Val.	4.68
Welch, B. F.	143.20	Whimpey, Lemuel.	10.00
Welch, Charlie.	41.00	Whipple, E. J.	114.00
Welch, Grant.	6.00	Whipple, Eli.	62.50
Welch, John W.	65.58	Whipple, John E.	41.46
Welch, T. H.	11.00	Whisenhunt, Paton.	16.50
Welch & Tittsworth.	102.25	Whitcomb, J. J.	115.12
Welch, T. W.	4.00	Whitcomb, Zeno.	97.65
Welch, Wm. E.	199.84	Whitaker, Albert.	50.00
Welch, W. S.	21.00	White & Bender Co., The.	70.95



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
White, Ben.....	\$105.00	Williams, Frank.....	\$537.50
White, C. A.....	3.00	Williams, Frederick.....	84.00
White, C. E.....	103.00	Williams, H. A.....	4.30
White, Charles.....	26.00	Williams Hardware Co., Hamp.....	44.75
White, C. O.....	16.35	Williams, H. E.....	35.80
White, D. G.....	16.40	Williams, Henry.....	62.00
White, Dudley.....	12.00	Williams, Herbert.....	62.00
White, G. A.....	107.50	Williams, James.....	9.00
White, Geo.....	95.25	Williams, Jason P.....	15.00
White, Geo. M.....	42.75	Williams, K. D.....	134.70
White, James.....	25.50	Williams, L. A.....	18.00
White, J. A.....	180.73	Williams Lumber Co.....	116.71
White, J. E.....	15.00	Williams Lucas Co.....	4.25
White River Lumber Co.....	19.40	Williams, Neplin.....	33.25
White, R. M.....	20.00	Williams, N. F.....	642.93
White, Sidney.....	42.50	Williams Co., O. B.....	99.30
White & Son, Thos. H.....	15.00	Williams, Oscar.....	4.50
White, Wilfred W.....	10.00	Williams, S. M.....	4.00
Whited, D. A.....	11.25	Williams, W.....	38.36
Whitehead & Son, A. R.....	15.05	Williams, W. A.....	85.59
Whitefield, W. C.....	2.40	Williams, Jr., Walter.....	20.25
Whiting, D. L.....	31.26	Williams, Wells.....	3.50
Whitman, Travis.....	24.00	Williams, W. N.....	66.87
Whitney Co.....	15.92	Williamson, David.....	12.00
Whitney, Earle.....	38.75	Williamson Ranch & Store Co.....	121.96
Whitted, W. B.....	84.00	Williamson, R. F.....	44.25
Whittier Coburn Co.....	19.60	Willingham, J. M.....	58.25
Whittle, W. C.....	238.75	Willis, Geo. W.....	18.00
Wickert, Carl.....	29.25	Willis, I. H.....	7.20
Wickwire, M.....	60.00	Willis, J. R.....	18.00
Wideman, R., & Wilson, B. H.....	475.00	Willis, Jos. S.....	125.63
Widemann & Co., A.....	239.25	Willis, W. F.....	15.00
Wideman, J. L.....	17.00	Willman, Homer.....	2.50
Widener, James.....	6.00	Willman, Ray.....	21.00
Widener, Oscar S.....	6.00	Willmington, D. B.....	60.00
Widener, William D.....	6.00	Willock, W. L.....	6.25
Widger, W. H.....	35.00	Wills & Guinn.....	7.29
Wigal, E. J.....	7.75	Wills, Herb.....	1.70
Wigton, James.....	27.75	Wills, Jack.....	227.97
Wilber, A. M.....	32.50	Wills, Thomas.....	9.78
Wilberg, Carl.....	48.00	Willson Hardware Co., R. D.....	29.30
Wilberg, Cyrus.....	22.00	Willson, W. F.....	35.00
Wilberg, Rufus.....	6.87	Wilsey, H. R.....	3.70
Wilcox, Curtis.....	300.37	Wilson, Albert.....	73.50
Wilcox, F. E.....	67.00	Wilson-Bates Furniture Co.....	26.50
Wilder, James E.....	23.35	Wilson, Bob.....	60.00
Wiley, Moses.....	19.00	Wilson, Clara.....	10.00
Wilkerson, Jerry.....	119.00	Wilson Commercial Co.....	124.01
Wilkin, Fred.....	12.75	Wilson, Elias.....	117.40
Wilkin, J. C.....	76.53	Wilson, Emery E.....	10.00
Wilkins, J. O.....	12.75	Wilson, Ernest.....	40.00
Wilkins, Tom.....	31.27	Wilson, Frank.....	24.00
Wilkinson, B. L.....	47.50	Wilson, G.....	75.00
Wilkinson, C.....	37.00	Wilson, George.....	102.00
Willard, B.....	8.75	Wilson, G. M.....	52.00
Willard, jr., Chas. L.....	2.50	Wilson, Jas.....	24.75
Willard, E.....	2.50	Wilson, John H.....	128.82
Willard, J. E.....	61.42	Wilson, J. I.....	3.25
Willardson, Leonard.....	6.00	Wilson, Joseph.....	1.00
Willes, Claud.....	1.25	Wilson, Mack.....	105.60
Willett Bros.....	3.82	Wilson, M. W.....	24.00
Wilhte, Charlie.....	2.00	Wilson-Nobles-Barr Co.....	67.26
Williams, Allen.....	18.50	Wilson, Robert.....	66.36
Williams, Allred.....	24.50	Wilson, Roy.....	45.00
Williams Bros. Door & Lumber Co.....	52.90	Wilson, S. T.....	5.00
Williams Bros. Planing Mill.....	3.75	Wilson, W. M.....	28.10
Williams, B.....	15.85	Wilson, Wm.....	15.50
Williams, C. J.....	54.14	Wilson, W. L.....	82.00
Williams, D. T.....	9.00	Wilson, W. T. E.....	95.21
Williams, E. George.....	22.00	Wilson, W. W.....	34.50
Williams, E. J.....	262.92	Winnek Co. (Inc.), The.....	17.84
Williams, Evan.....	1.50	Winans, Alex.....	87.00
Williams, F. A.....	18.00	Winbourn, R. L.....	100.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>		<i>Miscellaneous supplies and services, equipment, books, machinery, etc.— Continued.</i>	
Wincapaw, T. J. ....	\$115.00	Wright, H. R. ....	\$7.05
Winchell, C. P. ....	12 95	Wright, H. W. ....	25.80
Winchester, Chas. W. ....	15.00	Wright, J. E. ....	14.00
Wind River Lumber Co. ....	13.50	Wright, John H. ....	55.00
Wingfield, W. G. & R. W. ....	47.30	Wright, J. L. ....	25.75
Winkler & Co., G. M. ....	36.51	Wright Mercantile Co. ....	13.45
Winkler, Mark. ....	40.00	Wright, MacJ. ....	75.25
Winn, Claud. ....	104.00	Wright, Perry J. ....	19.00
Winn, Elmer. ....	7.87	Wright, R. M. ....	16.00
Winn, James T. ....	10.00	Wright, Sylvanus. ....	60.50
Winn, Robert. ....	4.50	Wright, W. J. ....	8.00
Wininger, McC. ....	12.28	Wright, W. M. ....	18.00
Winschell, William. ....	58.75	Wright, W. R. ....	20.00
Winslow Lumber Co. ....	182.10	Wynne, David. ....	91.12
Winsor, H. D. ....	135.36	X. S. X. Ranch. ....	32.63
Winter, O. ....	29.98	Yakima Grocery Co. ....	212.68
Wisdom, Grover J. ....	47.50	Yandon, Andrew W. ....	120.00
Wise, A. S. ....	108.75	Yandon, Wm. ....	145.75
Wise, Walter. ....	10.00	Yates, J. W. ....	27.60
Wiseman, J. C. ....	25.03	Yates, Otis. ....	3.00
Wissmath, August. ....	4.00	Yates, Thos. ....	10.00
Witham, Frank F. ....	231.44	Yates, Wm. ....	10.00
Wither, A. & G. ....	62.45	Yazza, Hosteen. ....	8.13
Witt, Robert M. ....	11.00	Yazza, Hosteen Nal-ky. ....	8.13
Wixom, Lewis. ....	5.00	Ybarra, Patricio. ....	4.00
Wodtli, Fred. ....	75.64	Yeaman, Thomas. ....	6.50
Wofford, I. L. ....	232.50	Yeaman, J. F. Thomas. ....	21.70
Wolfe, Oscar C. ....	81.00	Yearian, E. M. ....	31.50
Wolfe, W. L. ....	21.00	Yearsley, John. ....	80.00
Wolford, G. O. ....	4.00	Yeo, Harley. ....	173.39
Wolter, E. C. ....	56.00	Yeo, Waldo. ....	75.00
Wolverton & Lewis. ....	95.60	Yergensen, Willard. ....	3.75
Wolzmut, John. ....	60.57	Yocum, Esta. ....	118.00
Womack, Jethro. ....	6.00	York, L. C. ....	16.50
Womacks, Madison. ....	157.68	York, W. W. ....	19.00
Wonder, Frank. ....	165.00	Yost, Charles. ....	8.20
Wonder, George W. ....	95.00	Younce, L. ....	22.00
Wood, David H. ....	7.50	Young, B. B. ....	28.00
Wood-Davis Hardware Co. ....	36.05	Young, C. E. ....	150.00
Wood, D. J. ....	89.00	Young, Douglas. ....	27.00
Wood & Son, D. T. ....	28.85	Young, Ed. ....	150.00
Wood, Jack. ....	89.00	Young, Frank A. ....	24.40
Wood, J. A. ....	207.50	Young, F. L. ....	15.95
Wood, Louis. ....	6.30	Young, Henry J. ....	61.92
Woods Lumber Co. ....	83.96	Young, Jake. ....	56.25
Wood & Sheldon Lumber Co. ....	272.70	Young, J. B. ....	8.40
Wood, W. H. ....	33.18	Young, J. F. ....	28.43
Woodland Mercantile Co. ....	359.66	Young, John P. ....	5.00
Woodrow, Henry. ....	6.00	Young, J. Paul. ....	77.88
Woods, Henry. ....	38.54	Young, Ray B. ....	6.00
Woods, J. ....	29.00	Young, R. J. ....	4.86
Woods, J. B. ....	5.00	Young, Robert. ....	37.13
Woods, Sidney. ....	16.50	Young, Walter W. ....	3.56
Woodsen, Miguel. ....	28.00	Young, Winthrop. ....	3.15
Woodward, Ed. ....	90.50	Youngblood, Lee. ....	14.25
Woodward, J. L. ....	5.00	Yparraguirre Bros. ....	4.75
Woodward, R. M. ....	13.50	Zambrano, Y. G. ....	20.00
Woodward, T. A. ....	78.00	Zeek, H. L. ....	81.48
Woolley, Herbert E. ....	1.15	Zeigler, Cyrus. ....	161.00
Woolridge, John. ....	3.94	Zerely, Jane. ....	12.00
Woolsey, Jos. ....	78.00	Zerely, Kenneth. ....	8.00
Woolstenhulme, R. W. ....	188.00	Zimmerman, Alfred. ....	16.50
Woolstenhulme, Thos. E. ....	12.00	Zipperer, Joseph. ....	445.24
Wooten, J. H. ....	97.25	Zook, Oliver N. ....	14.00
Worden-Meeker Varnish Co. ....	2.25	Zumwalt, Boin. ....	7.00
Work, L. O. ....	52.00	Zumwalt, Charles A. ....	15.00
Worthington, Chas. ....	5.25	Zumwalt, Frank. ....	14.50
Worthington Mercantile Co., S. P. ....	2.80	Zumwalt, J. H. ....	35.00
Worthington, Wm. ....	16.40	Zumwalt, J. W. ....	11.38
Wortz, Joseph. ....	22.50	Zumwalt, I. N. ....	11.38
Wray & Son, J. M. ....	41.75	Zumwalt, T. B. ....	10.50
Wrensted, Carl. ....	28.50	Zwight, John. ....	67.50
Wright, Burley. ....	20.64		
Wright, Chas. ....	17.50	Total. ....	487,444.86
Wright, Dan. S. ....	8.25		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Freight—Continued.</i>	
American Fork Cooperative Institution.....	\$10.60	Chicago, Milwaukee & Puget Sound Ry. Co.....	\$11.47
Ayres & Co., Geo. V.....	15.80	Coeur d'Alene Hardware Co.....	.30
Babbitt Bros.....	51.00	Colorado Midland Ry. Co.....	45.49
Bauer Mercantile Co.....	24.00	Colorado & Southern Ry. Co.....	159.75
Beard, J. D. F.....	25.00	Columbia & Okanogan Steamboat Co.....	40.96
Becker-Mactavish Co.....	21.53	Corbett, W. J.....	.25
Beers, H. W.....	51.30	Cornett Stage & Stable Co.....	6.80
Copper Queen Consolidated Mining Co.....	41.40	Costelloe, Edmond.....	96.00
Corbett, W. J.....	22.65	Denver, Northwestern & Pacific Ry. Co.....	50.03
Cosgrove, E.....	15.65	Denver & Rio Grande R. R. Co.....	446.92
Cox, W. S. (Inc.).....	4.15	Detroit & Mackinac Ry. Co.....	.79
Crawford, B. N.....	13.25	El Paso & Southwestern System.....	26.03
Crescent Lumber Co.....	19.35	Great Northern Ry. Co.....	721.96
Cummins & Woltz.....	13.00	Green, Duty.....	15.00
De Haven, F. J.....	33.50	Hall, R. J.....	15.13
Englehart, W. M.....	53.75	Harrison Shingle Co.....	8.55
Evans & Co., T. J.....	4.25	Jeanselm, Joseph.....	5.78
Furlong, E. O.....	77.50	Johnson, Ira G.....	12.50
Grace Mercantile Co.....	7.00	Knox Corbett Lumber Co., J.....	.32
Graves, R. B.....	25.00	Laramie, Han's Peak & Pacific Ry. Co.....	1.03
Harris & Co., J. J.....	17.75	Larson, A. P.....	9.60
Hendricks, Geo. W.....	15.00	Lee, G. M.....	2.50
Hinman, O. C.....	4.00	Lincoln County Transportation Co.....	25.82
Hunt, Sam.....	38.70	Missoula Mercantile Co.....	7.15
Independent Furniture Co.....	49.65	Montana R. R. Co.....	1.27
Kennedy, L. W.....	23.40	Nelson, L. A.....	5.00
Lathrop, J. V.....	21.50	Nevada Central R. R. Co.....	46.95
McConnell, R. C.....	23.40	Nevada County Narrow Gauge R. R. Co.....	7.88
McRae, John G.....	20.00	Nevada Northern Ry. Co.....	5.28
Maine, A. G.....	25.00	Northern Navigation Co.....	2.42
Mosman & Son, W. O.....	13.50	Northern Pacific Ry. Co.....	465.07
Nourse, R. W.....	10.50	Northwestern Pacific R. R. Co.....	20.04
O. K. Furniture Co.....	34.50	Oregon R. R. & Navigation Co.....	151.11
Paine & Paine.....	17.75	Oregon Short Line R. R. Co.....	363.14
Peterson, P. F.....	21.50	Pacific & Eastern Ry.....	1.45
Rawlings, G. W.....	11.00	Pacific & Idaho Northern Ry.....	2.21
Reserve Grocery Co.....	9.50	Pogue, Charles S.....	36.00
Rhein & Co., W. H.....	29.85	Rio Grande Southern R. R. Co.....	120.67
Sargent, John H.....	23.00	San Diego & Cuyamaca Ry.....	16.83
Schuster, A. & B.....	39.20	San Pedro, Los Angeles & Salt Lake R. R. Co.....	21.20
Snow Furniture Co., E. B.....	19.55	Seattle Hardware Co.....	3.85
Statton, W. O.....	2.75	Sierra Ry. Co. of California.....	5.66
Stewart, S. F.....	7.60	Solwold, George.....	17.10
Superior Lumber & Mill Co.....	69.00	Southern Pacific Co.....	314.64
Thompson, T. J.....	5.00	Spokane International Ry. Co.....	5.90
Tin Cup Merchandise Co.....	12.40	Union Pacific R. R. Co.....	70.16
Tomkins Hardware Co., H. H.....	10.90	Van Alstyne, J. W.....	100.38
Tomkins Bros. Hardware Co.....	13.65	Wyoming & Northwestern Ry. Co.....	17.74
Van Ruff, C. A.....	15.00	Total.....	3,897.05
Waldron Hardware Co.....	8.00		
Watkins Hardware Co.....	12.95		
Wattuna, Chas.....	40.60		
Western Electric Co.....	52.45		
Winchell, C. P.....	3.20		
Wither, A. & G.....	20.00		
Wood-Davis Hardware Co.....	10.25		
Total.....	1,281.73		
<i>Freight.</i>		<i>Express.</i>	
Amador Central R. R. Co.....	4.02	Conlon Mercantile Co.....	3.14
Anderson Lumber & Hardware Co.....	1.09	Great Northern Express Co.....	21.10
Apodaca, Evarito.....	10.69	Northern Express Co.....	3.30
Atchison, Topeka & Santa Fe Ry. Co.....	93.54	Pacific Express Co.....	3.95
Bailey & Massingill.....	19.27	U. S. Reclamation Service.....	5.82
Bassett Lumber Co.....	1.98	Wells, Fargo & Co.'s Express.....	5.15
Beers, H. W.....	20.77	Western Electric Co.....	11.70
Blakely, H. A.....	7.27	Wood-Davis Hardware Co.....	.90
Blevans, Murat.....	129.39	Total.....	55.06
Butte, Anaconda & Pacific Ry. Co.....	25.61		
Chicago, Burlington & Quincy R. R. Co.....	71.34		
		<i>Telephone.</i>	
		North Idaho Telephone Co.....	20.50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses— Continued.</i>	
Abbey, Harvey	\$2.00	Conley, Wm. O.	\$13.80
Abbott, R. T.	10.00	Cooper, Lee E.	3.27
Adair, Wallace	3.40	Copley, G. A.	3.10
Grenville, F. Allen	.50	Coughlin, Louis E.	1.10
Allen, Grover A.	4.25	Crabb, E. H.	75.09
Allen, Ray L.	27.50	Cross, Benj. H.	5.10
Alles, Conrad	4.87	Dahlgren, Calvin A.	2.00
Anderson, Wm. Jno.	38.25	d'Allemand, B. R. H.	18.35
Anderson, Wm. M.	25.00	Darling, E. H.	1,175.80
Arentson, Carl B.	1.75	Daug, William H.	11.00
Armitage, Robt. W.	4.09	Day, T. L.	684.63
Atchison, Topeka & Santa Fe R. R.	62.00	Decker, Isaac W.	7.95
Averett, Murray	2.39	De Forest, G. Ewing	2.00
Bagley, Edward C.	1.25	De Groot, Peter	4.75
Bailey, James D.	42.60	Derrick, Hubert E.	.96
Ballinger, Chas. A.	80.50	Dieffenback, Rudolph	5.00
Barber, Jack R.	4.50	Doughty, Ralph C.	2.75
Barker, Elliott S.	6.00	Drake, Willard M.	72.00
Barnett, David	3.35	Durbin, William G.	183.99
Barney, Geo. H.	30.78	Edmunds, P. D.	1.50
Barrett, Louis A.	54.41	Emery, Oscar A.	9.50
Barringer, H. P.	2.25	Erickson, M. L.	.90
Barstow, Gidden J.	10.00	Everts, Wm. S.	6.10
Bartrum, S. C.	35.00	Fay, Herbert B.	8.90
Bauder, Charles	1.75	Fee, Oliver	14.00
Bayer, Chas. J.	23.10	Fick, C. H.	1.20
Beach, Chas. T.	3.50	Fishel, Earnest E.	6.00
Beam, Chas. A.	11.90	Fitzgerald, C. W.	1.00
Dwight, L. Beatty	53.00	Flournoy, Robert W.	29.29
Bell, Carl E.	23.50	French, Harry H.	.98
Benedict, Maurice A.	47.61	Frey, Sam'l A.	.21
Benedict, M. S.	48.85	Fromme, R. L.	1.50
Benedict, R. E.	3.00	Garner, Sam'l J.	3.25
Bergh, H. A.	13.93	Garner, Will A.	35.20
Bettendorf, George	5.85	Garrison, O. W.	14.97
Bigelow, R. L. P.	1.60	Gilchrist, James C.	3.65
Bingham, Cy J.	306.18	Gilliam, T. J.	117.95
Bissell, H. H.	23.65	Goddard, Wm. H.	4.60
Blackhall, James	18.20	Gosorn, C. B.	134.05
Blackman, William O.	6.10	Grandjean, E.	16.40
Blair, James A.	75.39	Gray, Charles T.	1.75
Bolen, James H.	30.45	Green, Otto T.	2.25
Bonner, V. L.	6.00	Gribble, E. W.	1.25
Boothe, Roy	1.20	Guthrie, John D.	94.74
Bradshaw, Allen M.	90.55	Hageman, John A.	1.00
Brewer, Guy	1.20	Haines, A. C.	5.80
Brown, Fred E.	4.50	Haines, Fremont N.	37.29
Brown, J. Arthur	.14	Halm, Joseph B.	5.55
Bruins, J. F.	151.65	Haman, Frederick C.	15.40
Brundage, F. H.	1.05	Hamilton, Edwin R.	34.31
Bryan, John L., jr.	6.25	Hammatt, R. F.	6.00
Buehner, W. G.	3.00	Hammond, H. B.	5.50
Bunker, Page S.	2.95	Hanson, Fred	40.70
Bushnell, Ralph H.	23.05	Hardy, L. E.	10.00
Butler, Frank M.	44.10	Harris, Harvey W.	2.95
Calkins, H. G.	1.25	Harrison, W. B.	8.12
Campbell, Walter M.	1.00	Harvey, J. Roy	1.00
Castle, Harry L.	40.25	Haun, Frank D.	6.50
Cavin, Geo. W.	7.65	Hayes, William	12.50
Cayot, Frank B.	53.95	Haynes, L. G.	38.31
Chamberlain, C. A.	19.75	Hedrick, Frank	3.30
Chappell, Sidney A.	165.82	Helfrick, Frank	12.00
Chidsey, Thomas E.	1.49	Henrie, Samuel E.	48.75
Christensen, Theodore	19.25	Henson, C. L.	1.75
Clack, John H.	13.25	Herring, W. E.	340.71
Clark, Ernest B.	.55	Hess, Chas. E.	33.90
Clark, E. T.	1.50	Hess, Robert L.	3.00
Clark, John H.	106.90	Hettinger, August	2.00
Clark, Robt. E.	3.00	Hill, W. F.	.30
Cohea, William M.	12.75	Hillgoss, Ralph A.	1.50
Cohon, Anson E.	.43	Hinderer, Chas. H.	10.01
Collins, Thos. J.	.90	Hinkle, Shelby B.	8.05
Congleton, C. S.	90.65	Hinst, Henry C.	7.95
Conkling, D. T.	34.38		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Hite, James S.	\$26.20	Marshall, Charles E.	\$18.09
Hodgson, Allen H.	1.20	Marshall, G. E.	11.44
Hogue, A. H.	18.10	Marshall, Robert E.	16.75
Holbrook, Frederick J.	4.00	Martin, D. C.	30.75
Holbrook, Wellman.	17.24	Martin, Joseph P.	401.92
Hopping, Ralph.	3.15	Mathias, Royal F.	12.50
How, Charles C.	11.00	Matthews, J. F.	68.07
Howell, Charles F.	.65	Mattoon, W. R.	60.83
Howland, Geo. L.	14.20	Maule, Wm. M.	8.39
Huddle, C. I.	25.25	Mesnard, R. E.	161.18
Hudson, C. W.	4.25	Milbury, W. B.	1.40
Hughel, Nile.	863.40	Milliam, Geo. W.	74.43
Hurd, Marean G.	6.00	Millar, W. N.	19.72
Hurst, William.	25.85	Miller, A. H.	.55
Huston, R. J.	30.00	Miller, Robt. E.	14.78
Ingram, Douglas C.	6.00	Minear, J. E.	.50
Ireland, A. S.	3.15	Mitchelson, Albert T.	641.80
Ireland, Henry.	10.04	Morgenroth, Christ.	3.60
Jackson, W. E.	20.00	Morris, Walter T.	10.25
Jacques, Thomas E.	11.60	Morrow, J. O.	4.80
James, Andrew J.	1.20	Muir, Earl G.	1.40
Jarvis, Burton.	64.55	Mullen, Jas. F.	9.48
Jennings, C. H.	9.00	Nail, James E.	68.94
Jewell, James E.	19.17	Neal, A. M.	359.04
Johnson, B. F.	3.55	Neff, W. C.	1.50
Johnson, Jas. H.	25.44	Nesbital, Wm. C.	596.11
Johnston, Don P.	3.50	Noon, Arthur H.	21.26
Jones, Andrew J.	.75	Nyce, Geo. M.	1.60
Jones, E. H.	203.15	Older, Rollo.	2.75
Jones, T. J.	1.50	Park, C. H.	2.76
Jordan, Charley E.	2.50	Patterson, A. B.	8.00
Keas, Chas. II.	5.00	Patton, Adelbert E.	5.60
Keegan, Matthew J.	19.17	Pauli, Ernest R.	23.75
Kelleter, Paul D.	7.43	Payne, E. D.	4.60
Kerstetter, O. E.	7.00	Pearson, Gustaf A.	172.05
Kiefer, Francis.	4.55	Peck, Edward H.	13.40
Kinney, James H.	103.98	Peck, Ray.	1.75
Klein, O. K.	20.50	Pelton, Jas. L.	16.10
Kling, L. A. H.	11.41	Petit, F. P.	3.30
Knowles, Archie O.	3.75	Phelan, Lawrence J.	8.20
Koch, Elers.	86.38	Pierpont, R. B.	1.55
Kramer, E. W.	309.35	Poore, James F.	6.50
Laing, David.	22.99	Porcher, Francis P.	.50
Lafferty, J. B.	209.61	Powers, Harry R.	1.98
Langworthy, Jas. N.	113.85	Pratt, M. B.	.38
Lantry, V. Gifford, jr.	.91	Plymale, Chas. A.	2.10
Larsen, Axel E.	1.40	Poole, Chas. G.	24.45
Larson, J. A.	9.50	Pooler, Frank C. W.	166.23
Laufeld, Paul.	14.10	Poynter, Elza E.	7.25
Lawrence, Ellery F.	40.00	Preston, John F.	8.50
Lee, Chas. W.	13.00	Pritchard, J. L.	5.00
Leopold, Aldo.	33.65	Phillips, Ress.	83.85
Leslie, Edwin E.	76.15	Radigan, Arthur.	10.00
Long, E. B.	.80	Raphael, John.	25.16
Lord, John G.	15.60	Ratliff, J. H.	14.29
Lovejoy, P. S.	41.41	Rachford, C. E.	5.00
Lovelace, Byron O.	.25	Record, Samuel J.	13.85
McAllister, Martin L.	3.50	Redstone, Albert E.	1.25
McClure, Edmund A.	55.16	Reid, Clement C.	20.95
McCormick, Hayward H.	3.50	Reid, Robt. W.	1.50
McCoy, Wm.	8.10	Read, A. D.	2.60
McGill, David F.	27.09	Richards, C. W.	15.00
McLaren, John.	.50	Rider, W. B.	93.86
McLeod, Jennings D.	8.00	Ring, Geo. V.	18.09
McMillan, D. A.	6.50	Rus, John.	1.60
McNamara, J. A.	2.00	Robinson, Kenneth S.	3.00
McNulty, Jno. C.	10.55	Robinson, Walter C.	91.85
McPheters, Herbert G.	52.70	Rodgers, Robert A.	7.75
MacDuff, Nelson F.	8.70	Rodman, Douglas.	7.00
MacK, Clarence A.	5.25	Rogers, D. N.	37.05
MacKay, Alex. J.	48.09	Rollinson, J. K.	24.84
Macnab, A. T.	3.50	Romero, Andrew.	52.50
Mahn, E. H.	5.75	Rose, Wm.	.30

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Improvement of the national forests, 1910, \$600,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Ross, Homer.....	\$0.75	Swift, Theodore T.....	\$28.97
Ruff, Clarence.....	6.00	Swim, C. B.....	6.30
Rumsey, Chas. B.....	110.19	Sylvester, A. H.....	114.35
Rush, Frank.....	4.34	Taylor, Jay L. B.....	192.86
Rushing, W. J.....	1.85	Taylor, J. T.....	1.75
Schmitz, J. M.....	2.00	Theurer, David O.....	13.20
Scott, James A.....	3.00	Thurston, H. W.....	12.00
Seely, J. B.....	11.25	Travis, Frank A.....	2.70
Seitz, Clyde R.....	1.35	Tremewan, C. S.....	.50
Shaw, Ernest W.....	.85	Turner, Elbert E.....	17.25
Sheriff, Ralph E.....	3.50	Turner, Harry C.....	4.50
Shillingford, C. E.....	4.75	Tyler, Raymond.....	7.10
Shinn, Charles H.....	106.38	Viles, H. C.....	18.30
Shockley, Hepler R.....	13.27	Vote, H. E.....	.80
Shoemaker, jr., Theodore.....	39.33	Wait, Jas. M.....	18.83
Shook, Charles T.....	1.30	Weigle, W. G.....	199.45
Short, Estus.....	26.98	West, Charles.....	10.45
Simmons, J. A.....	6.43	Wheatley, Wm. O.....	15.00
Skeels, Dorr.....	29.25	Wheeler, Randolph A.....	6.15
Slosson, Willis M.....	32.99	White, Wilfred W.....	17.90
Smith, Clinton G.....	3.00	Whitehead, G. A.....	1.15
Smith, C. L.....	.75	Whitney, Charles A.....	38.62
Smith, Foster G.....	26.00	Willey, M. B.....	33.30
Smith, Glen A.....	11.00	Williams, D. H.....	11.25
Smith, G. Leroy.....	9.20	Williams, D. L.....	24.00
Snell, Nathan E.....	3.02	Williams, Eugene.....	22.53
Snow, Orrin C.....	23.32	Willson, Roscoe G.....	15.26
Spaulding, Thos. C.....	5.60	Wilson, W. W.....	36.57
Spencer, Henry L.....	.75	Woods, Clarence N.....	99.18
Stabler, H. O.....	14.25	Woolstenhulme, John H.....	17.95
Steele, Foster.....	5.00	Wooten, Wm. E.....	.90
Steele, Raymond G.....	13.95	Wright, Anderson T.....	6.15
Stephens, John E.....	1.25	Wright, Leslie E.....	.75
Stewart, Thos. R.....	14.20	Wyman, C. K.....	9.30
Stockbridge, Arthur J.....	1.35	Yarnall, Silas W.....	8.70
Stockbridge, Carl.....	21.60	Yeaman, Geo. W.....	26.65
Stockwell, Andrew G.....	7.50	Yerkes, H. B.....	19.20
Strawn, Alfred L.....	37.05	Yorke, George R.....	3.90
Stroup, A. L.....	5.00	Young, Winthrop H.....	22.25
Stuart, William A.....	1.03	Zachau, Arthur H.....	
Studley, Horace F.....	1.15		
Sullens, J. Milton.....	48.37		
Sweitzer, Albert L.....	5.55		
		Total.....	13,769.90

Total amount of appropriation..... \$600,000.00

Total expenditures under above groups to Aug. 31, 1910..... \$559,398.34

Advances to temporary special disbursing agents:

Barton, J. E.....	\$2,449.39		
Bigelow, R. L. P.....	2,007.86		
Bunker, Page S.....	1,408.80		
Charlton, R. H.....	155.32		
Fromme, R. L.....	5,109.95		
Hafley, F. H.....	3,054.11		
Ingram, Guy M.....	191.50		
Ireland, Henry.....	417.85		
Langille, W. A.....	867.60		
Mast, W. H.....	229.05		
Milham, Geo. W.....	1,000.00		
Millar, W. N.....	1,700.63		
Pooler, F. C. W.....	2,003.46		
Seitz, Clyde R.....	2,634.70		
Sherrard, T. H.....	447.62		
Slosson, W. M.....	1,345.50		
Thurston, K. W.....	1,998.25		
Weigle, W. G.....	1,574.99		
	28,596.58		
		587,994.92	

Unexpended balance..... 12,005.08

Repayment to credit of appropriation..... 13.80

Net unexpended balance on Aug. 31, 1910..... 12,018.88



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative work, forest investigations, \$40,670.39."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Cline, McGarvey.....	Assistant forester, at \$2,000.....	\$333.33	
Weise, Howard F.....	Assistant director, at \$2,000.....	333.33	
Woodward, Karl W.....	Forest examiner, at \$1,800 and \$1,900.....	1,233.34	\$239.95
Margolin, Louis.....	Forest examiner, at \$1,700.....	8.88	6.85
Thelen, Rolf.....	Engineer in timber tests, at \$1,900.....	316.66	
Barnum, Chas. T.....	Engineer in timber tests, at \$1,300.....	162.50	88.62
Bond, Francis M.....	Engineer in wood preservation, at \$1,300.....	162.50	271.52
Winslow, Carille P.....	do.....	216.66	458.82
Peters, E. W.....	Engineer in wood preservation, at \$1,200.....	200.00	222.41
Teesdale, Clyde H.....	Engineer in wood preservation, at \$1,000.....	544.44	
Witt, Louis.....	do.....	80.56	
Hatt, W. K.....	Expert, at \$1,800.....	300.00	
Batemen, Ernest.....	Expert, at \$1,600.....	200.00	
Hawley, L. F.....	Expert, at \$1,500.....	187.50	
Fletcher, Elmer D.....	Forest expert, at \$1,500.....	587.50	47.05
Tucker, Herman L.....	Forest expert, at \$900.....	347.50	184.70
Dunlap, Frederick.....	Forest assistant, at \$1,700.....	212.50	
Von Bayer, Wm. H.....	Forest assistant, at \$1,500.....	283.33	334.04
Piper, William H.....	Forest assistant, at \$1,400.....	466.66	369.17
Stickney, Mallory N.....	Forest assistant, at \$1,300.....	108.33	257.61
Barrows, William B.....	Forest assistant, at \$1,200.....	400.00	98.80
Benedict, J. St. J.....	do.....	450.00	357.85
Foster, J. Harold.....	do.....	76.67	399.64
Hawley, Ralph C.....	do.....	180.00	177.70
Murphy, Louis J.....	do.....	480.00	292.85
Briscoe, John M.....	Forest assistant, at \$1,000.....	180.56	222.61
Brown, Nelson C.....	do.....	458.33	289.02
Clark, Ernest D.....	do.....	358.30	54.90
Hall, R. Clifford.....	do.....	183.34	224.79
Cobbs, jr., John L.....	do.....	225.00	85.95
Fegley, Herman E.....	do.....	225.00	126.70
Gaylord, Frederick A.....	do.....	375.00	338.26
Jones, Chapin.....	do.....	375.00	27.05
Tierney, Dillon.....	do.....	366.65	190.45
Fenley, Edwin J.....	Forest assistant, at \$900.....	83.33	21.10
MacKaye, Benton.....	Forest assistant, at \$4 per diem.....	120.00	46.63
Schorger, Arlie Wm.....	Chemist, at \$1,200.....	200.00	
Carmody, D. L.....	Forest agent, at \$1,300.....	433.34	144.86
Baekus, Gordon T.....	Forest agent, at \$900.....	37.50	24.95
Dudley, Ernest G.....	do.....	150.00	45.55
Edwards, Chas. H.....	do.....	102.50	18.40
Ferguson, Trevor R.....	do.....	47.50	
Ingall, O. D.....	do.....	180.00	236.66
Pitts, John B.....	do.....	40.00	
Priehard, R. P.....	do.....	202.50	100.60
Silva, Abbott B.....	do.....	375.00	48.80
Wolff, M. H.....	do.....	375.00	
Kinney, Thomas E.....	Forest agent, at \$600.....	78.33	
Amble, Nils.....	Forest guard, at \$900.....	75.00	
Owen, Nina.....	Clerk, stenographer and typewriter, at \$1,080.....	135.00	
Ammen, Eva.....	Clerk, at \$1,000.....	641.66	
Carter, Anna.....	Clerk (temporary), at \$900.....	180.00	
Peterson, Mary.....	do.....	75.00	
Phillips, Esther.....	do.....	407.50	
Fond, Marjorie.....	do.....	270.00	
Smith, Rosalie.....	do.....	225.00	
Yates, Blanche M.....	Clerk, at \$900.....	435.00	
Young, Jessie.....	Clerk (temporary), at \$900.....	75.00	
Reser, R. D.....	Stenographer and typewriter, at \$180.....	30.00	
Sutherland, Otto M.....	Mechanical draftsman, at \$1,200.....	70.00	
White, B. Allan.....	Draftsman, at \$1,000.....	38.89	
Soderstrum, J. P.....	Draftsman, at \$900.....	75.00	
Whitaker, J. A.....	Draftsman (temporary), at \$900.....	112.50	
Bowser, Florence.....	Colorist (temporary), at \$900.....	257.50	
Bowser, Harry.....	do.....	70.00	
Boling, Chas. W.....	Machinist, at \$1,260.....	175.00	
Wooster, Charles R.....	Carpenter, at \$1,000.....	119.44	
Barry, Cornelius.....	Timber test assistant, at \$900.....	112.50	
Russell, Jesse.....	Laboratory aid and engineer, at \$900.....	215.00	
Blaine, Frank.....	Laboratory aid and engineer, at \$500.....	100.00	
Webster, Percival W.....	Laboratory helper, at \$720.....	58.00	
Lamm, Leslie.....	Laboratory helper, at \$600.....	75.00	
Total.....		17,072.36	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative work, forest investigations, \$40,670.39"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Abercrombie & Fitch Co.	\$8.34	Hall Estate (Inc.), The.	\$13.06
Alabama Wood Preserving Co.	69.06	Hamilton, Web Co.	3.60
Albright, A. G. H.	12.00	Harriman, W. O.	60.00
Amble, Nels.	17.50	Hartwell, John A.	5.30
Anaconda Stable.	8.00	Haughton, Richard.	12.16
Andrews, Edward R.	2.30	Heffron, Dan.	52.50
Anderson-Spencer-Manger Co.	343.64	Hitchcock, L. E.	86.67
Ayrshire Coal Co.	3.30	Hoag, C. G.	4.30
Babcock, E. S.	17.10	Hoffman, Julius V.	100.00
Baker, M. N.	127.50	Hogle, C. G.	50.00
Barrett Manufacturing Co.	562.50	Hogue, Clarence E.	60.00
Barrett, R. L.	80.00	Holden, William C.	10.00
Beard, B. F.	50.00	Holland, Charles.	117.90
Beard, Frank W.	56.67	Hopkins, A. S.	200.00
Beattie, W. E.	1.34	Hudson, P. K.	12.06
Bedford, J. M.	120.00	Heney Livery Co.	23.00
Berkeley, L. F.	2.30	Hughes & Tipton.	8.25
Biglow, Ben.	22.50	Jenkins, William A.	19.05
Biglow, Keith.	107.50	Johnson, R. W.	78.33
Biglow, W. B.	447.25	Jordan, Dr. Llewellyn.	1.30
Bishop, Arthur F.	100.00	Kane, J. J.	2.25
Bowen, E. A.	17.50	Kelso, Earl.	28.00
Bracey, W. L.	11.25	Kenety, W. H.	86.67
Brady, Maude.	5.00	Kentucky Livery Stables.	6.00
Bright, G. A.	100.00	Ketterer, Emil.	6.50
Brunyate, F. B.	200.00	Kibbey, R. C.	17.30
Buck Hill Falls Co.	5.31	Kinkade, William.	74.00
Cameron, W. W.	38.31	Kruger, C. D.	81.67
Carr, Julian S.	4.20	Lacker, S. B.	50.00
Carrier, Frank.	40.80	Laird & Kerlee.	43.74
Case, N. Curtis.	135.00	Lang, Joseph M.	1.05
Chadbourne, A. W.	430.00	Larsen, Louis T.	100.00
Chinn, John.	162.00	Law, William.	10.00
Clark, Charles R.	145.00	Lea, Charles.	157.50
Coan, H. N.	100.00	Leacke, N. W.	4.00
Cody, James.	446.50	Lehman, S. M.	6.11
Cole, H. D.	78.53	Leighton, George B.	4.30
Cook, I. W.	105.00	Little, George D.	100.00
Cooke, Charles B.	13.65	Locke, S. B.	21.67
Cronk, C. P.	105.00	Lynn, Oscar.	145.00
Dearhamer, A. J.	9.15	McCormick, T. & F.	52.00
Denver Gas & Electric Co.	200.00	McGowan Commercial Co.	11.95
Dewell, Scott.	3.00	McGregor, Donald B.	22.50
Dunbar, F. C.	6.35	McKee, Elijah R.	60.00
Eagle-Shawmut Mining Co.	36.50	Manuel, Norman A.	60.00
Elliott, John.	.25	Marls, H. B.	80.00
Ellis, Ralph.	7.06	Marsh, R. E.	86.67
Ephraim Creek Coal & Coke Co.	26.25	Marshall, Henry.	3.92
Evans, Jasper.	40.00	Marshall, William J.	177.50
Evans, J. W.	85.00	Martin, D. W.	100.00
Faunce, Charles.	154.00	Martin, John.	5.00
Ferguson, R. T.	200.00	Martin, Sarah A.	4.20
Fletcher, Elmer D.	33.70	Matteson, Curtis.	60.00
Florence Hotel.	21.00	Miller, C. I.	18.00
Forristell & Heilman.	4.08	Mine & Smelter Supply Co.	5.44
Forster, James E.	60.00	Missoula Hotel.	13.10
Forsyth, J. F.	85.00	Missoula Mercantile Co.	157.07
Foster, Louis.	30.00	Mix, F. A.	5.00
Fransham, W. J.	17.50	Montana Coal & Coke Trading Co.	11.65
Fruitville Farms Co.	20.30	Montana Hotel.	6.50
Galloway, W. E.	27.50	Morris & Snow Seed Co.	7.50
Gannon & McLeod.	35.50	Morrison, Simon.	5.00
Gardner, William B.	90.00	Munroe, Roy P.	60.00
Garnell, I. T.	50.00	Napier, George M.	1.26
Geneva Nurseries.	13.00	Nelson, Swan.	3.00
Gerber, H. E.	18.05	Newton, E. S.	28.60
German Nurseries & Seed House.	1.57	Nichols, John W. T.	2.06
Germain Seed & Plant Co.	3.00	Overturf, D. C.	3.00
Gilkey, H. P.	86.67	Parkinson, D.	150.00
Gillis, J. R.	100.00	Patterson, Harry.	26.67
Gillogly & McDonald.	10.00	Payne, Theodore.	4.50
Glasser, H. W.	12.50	Penwell, Clyde W.	28.33
Gorham, W. R.	4.10	Peterson, Mary.	5.00
Gove, L. G.	44.00	Pfister & Vogel Leather Co.	5.11
Great Son Lumber Co.	500.00	Pfohl, H. J.	6.93
Hahman, William.	1.10	Plummer, F. M.	85.67

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Cooperative work, forest investigations, \$40,670.37"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight.</i>	
Porter, O.....	\$349.37	Colorado Midland Ry. Co.....	\$479.88
Potts, J. H.....	50.00	Northern Pacific Ry. Co.....	3.95
Pound, E. H.....	86.67	Oregon Short Line R. R. Co.....	2.09
Price, W. T.....	60.00	Philadelphia & Reading Coal &	
Pritchard, R. P.....	22.45	Iron Co.....	16.81
Rader, Lester C.....	170.75	Total.....	502.71
Radford Iron Co.....	26.40		
Ransom, W. H.....	100.00	<i>Express.</i>	
Rawls, Edgar.....	4.00	Missoula Mercantile Co.....	.35
Reed, J. Davis.....	28.45		
Richards, C. W.....	40.50	<i>Apparatus, instruments, and laboratory</i>	
Roberson, G. W.....	16.55	<i>material.</i>	
Robinson, Temple.....	66.66	Westinghouse Air Brake Co.....	125.00
Roche, A. J.....	28.33		
Rocky Mountain Fuel Co.....	137.29	<i>Travel, station, and field expenses.</i>	
Rutherford, Della.....	1.05	Ashe, W. W.....	206.11
Sarter, Mrs. M.....	32.65	Backus, G. T.....	24.95
Saxton, J. B.....	160.00	Barnum, C. T.....	88.62
Sheriff, Court.....	8.00	Barrows, William B.....	98.80
Sherrill, G. F.....	60.00	Benedict, J. St. J.....	357.85
Smith, Charles W.....	546.50	Bond, Francis M.....	271.52
Smith, Rosalie.....	2.50	Briscoe, John M.....	222.61
Soderstrum, J. P.....	46.66	Brown, Nelson C.....	289.02
Souter, H. D.....	66.67	Carmody, D. L.....	54.90
Spencer, J. B. le.....	4.50	Clark, Ernest D.....	85.95
Stackhouse, E. S.....	1.83	Cobbs, John Lewis, jr.....	23.05
Starzinger, V.....	73.33	Cooper, Albert W.....	5.00
Stout, H. G.....	100.00	Dana, S. T.....	45.55
Sutro, estate of Adolph.....	24.27	Dudley, Ernest G.....	200.00
Swanson, Gus.....	120.00	Duntson, C. E.....	18.40
Talladega College.....	1.79	Edwards, Charles H.....	126.70
Taylor, G. E.....	40.00	Fegley, Herman E.....	21.10
Taylor, John B.....	100.00	Fenby, Edwin J.....	47.05
Thayer, Archie N.....	7.00	Fletcher, Elmer D.....	635.96
Thayer, C. E.....	9.50	Ford, Edward H.....	399.64
Thompson, L. L.....	18.33	Foster, John Harold.....	338.26
Tomkins, Lewis H., Hardware Co.....	17.35	Gaylord, F. A.....	224.79
Townsend Mercantile Co.....	77.95	Hall, R. Clifford.....	177.70
Trall, W. J. S.....	30.00	Hawley, Ralph C.....	302.50
Tucker, Herman L.....	55.20	Hicks, P. R.....	236.66
Turner, R.....	135.00	Ingall, O. D.....	27.05
Turner, S. C.....	140.00	Jones, Chopin.....	45.90
Twaddell, W. W.....	136.67	Kupfer, Carl A.....	46.63
Underwood, William.....	60.00	Mackave, Benton.....	6.85
University of Virginia.....	19.60	Margolin, Louis.....	185.20
Urania Lumber Co. (Ltd.).....	11.65	Mason, H. M., jr.....	41.54
Valentine, L.....	150.00	Moon, F. F.....	200.00
Vance, James.....	6.50	Moore, W. M.....	292.85
Vealey, W. D.....	86.00	Murphy, Louis S.....	53.71
Vick, J. F.....	48.00	Nelson, John M., jr.....	222.41
Waldhillig, George H.....	560.50	Peters, E. W.....	49.21
Wall, John B.....	89.84	Peters, J. G.....	369.17
Wallace, C. W.....	1.00	Piper, William B.....	100.60
Wallace, R. S.....	136.67	Prichard, R. P.....	62.52
Wannamaker, J. E.....	1.74	Siecke, E. O.....	48.80
West, S. R.....	4.13	Silva, Abbott B.....	13.50
Whitaker, J. A.....	80.00	Smith, C. Stowell.....	257.61
Whitham, J. C.....	118.33	Stickney, Mallory N.....	190.45
Williamson, M. A.....	15.75	Tierney, Dillon P.....	184.70
Wilton Gas & Light Co.....	35.00	Tucker, H. L.....	334.04
Winnisook Club.....	7.73	Von Bayer, W. H.....	532.49
Witherbee, Sherman & Co.....	13.37	Winslow, Carlile P.....	85.60
Wood, Edward C.....	17.72	Wolff, Meyer H.....	239.95
Work, Herman.....	133.33	Woodward, Karl W.....	
Working & Hrella.....	24.40		
Yarnell, I. F.....	35.00		
Yerkes Observatory.....	9.60		
Zabriskie, George.....	2.06		
Total.....	14,736.24	Total.....	8,238.33

Total amount of appropriation.....	\$40,670.39
Total expenditures under above groups to June 30, 1910.....	\$40,674.99
Repayment to credit of appropriation.....	4.60



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Paper tests, 1910, \$10,000 (allotted to Forest Service, \$9,560.75)." (See also Bureau of Plant Industry.)

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bristol, H. Stanley.....	Expert, at \$1,800.....	\$565.00	
Sutermeister, Edwin.....	Expert, at \$1,600.....	666.66	
Surface, H. E.....	Laboratory assistant in wood chemistry, at \$1,000.	416.66	
Webster, P. W.....	Laboratory helper, at \$600.....	166.67	
Total.....		1,814.99	
<i>Out of Washington.</i>			
Bristol, H. Stanley.....	Expert and chief of chemistry, at \$1,800 and \$2,000.	1,150.00	\$75.99
Sutermeister, Edwin.....	Expert, at \$1,600.....	933.34	
Surface, Henry E.....	Engineer in wood chemistry, at \$1,000 and \$1,300..	733.34	19.89
Total.....		2,816.68	
Total amount paid for salaries under above appropriation.		4,631.67	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Can Co.....	\$128.00	Schaeffer & Budenberg Manufacturing Co.....	\$38.00
Appleton Wire Works.....	12.00	Schmitz, Matt F.....	23.44
Brown, Lisle N.....	5.20	Shaughnessy, John H.....	8.00
Burton-Littlewood Co.....	14.50	Slotten, Ed.....	13.50
City of Madison.....	13.40	Smith, A. C.....	7.60
Cooley, C. F.....	5.70	Stephens, David.....	6.00
Crane Co.....	58.49	Strellinger, Chas. A.....	39.47
Diepold, P. J.....	6.15	Vera Chemical Co.....	4.50
Doyon & Rayne Lumber Co.....	12.48	Welded Steel Barrel Corporation.....	8.50
Eastwood Iron Manufacturing Co.....	42.18	Whitehead Co., Jos. H.....	63.92
Engelberger, Nicholas.....	16.00	Wiedenbeck-Dobelin Co.....	37.48
Fairbanks, Morse & Co.....	34.25	Windnagel & Co.....	45.80
Frederickson, A. D. & J. V.....	24.00	Wolff Manufacturing Co., L.....	27.66
Haak, jr., W.....	8.05	Yawkey-Crowley Lumber Co.....	64.52
Hohmann & Maurer Manufacturing Co.....	24.50	Total.....	4,815.52
Keeley, Neckerman & Kessenich Co.....	7.02	<i>Fuel.</i>	
King & Walker.....	3.60	Madison Fuel Co.....	16.00
Klipstein & Co., A.....	5.50	<i>Travel and station and field expenses.</i>	
Menges Pharmacies Co.....	31.00	Bristol, H. Stanley.....	75.99
Morris Machine Works.....	38.00	Surface, H. Earl.....	19.89
Nickles, R. J.....	15.73	Total.....	95.88
Oneida Steel Pulley Co.....	59.39		
Ottow, John.....	23.44		
Owens, William.....	185.50		
Peper, J. W.....	1.33		
Pieh, John F.....	10.00		
Pusey & Jones Co., The.....	3,628.40		
Roessler & Hasslacher Chemical Co.....	7.92		
Rundle-Spencer Manufacturing Co.....	5.40		

Total amount of appropriation..... \$9,560.75  
 Total expenditures under above groups to Aug. 31, 1910..... 9,559.07

Unexpended balance on Aug. 31, 1910..... 1.68

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Naval stores industry, \$1,046.13."*

[Total appropriation, \$10,000; expended in 1909, \$8,949.32; carried over to fiscal year 1911, \$4.55.]

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
La Fontisee, J. O. ....	Expert, at \$1,500.....	\$54.17	\$51.30

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, instrument, and laboratory materials—Continued.</i>	
Consolidated Sales Co. ....	\$25.50	Johns-Manville Co., H. W. ....	\$57.26
Hubert, John. ....	200.00	Taylor Instrument Co. ....	184.00
Kessenich, Jacob J. ....	24.90	Total. ....	353.26
Lummus, W. E. ....	97.57	<i>Travel, station, and field expenses.</i>	
Mueller Co., The. ....	12.00	Hawley, L. F. ....	202.96
Total. ....	359.97	La Fontisee, J. O. ....	51.30
<i>Apparatus, instrument, and laboratory materials.</i>		Lichtenthaeler, F. E. ....	24.47
Eimer & Amend. ....	20.00	Total. ....	278.73
Hurley, J. E. ....	92.00		

Total amount of appropriation..... \$1,046.13  
 Total expenditures under above groups to June 30, 1910..... 1,046.13

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "National bison range, \$47,391.22."*

[Total appropriation, \$50,700; expended in 1909, \$219.60; carried over to 1911, \$3,089.18.]

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Kramer, E. W. ....	Constructing engineer, at \$1,800.....	\$52.78	\$364.98

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "National bison range, \$47,391.22"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alexander, Agate.....	\$412.50	Le Bouef, Gilbert.....	\$88.29
Allard, Charles.....	2.50	Lindberg, E.....	79.50
Allen, J. P.....	118.00	Lindberg, H.....	63.50
American Steel & Wire Co.....	2,993.85	Ludwickson, Isak.....	6.00
Anderson, R. J.....	56.50	Ludwickson, Gabriel.....	6.00
Arndt, Harry.....	145.81	McDonald, Donald.....	60.78
Ashfield, John.....	23.50	McDonald, Duncan.....	84.00
Barrett Manufacturing Co.....	537.75	McGuire, Peter.....	40.00
Bateman, T. L.....	63.85	McHieman, Ralph.....	15.00
Beatty, Geo.....	51.50	McPheeters, R. S.....	57.62
Bengtson, Sven.....	45.50	Maloney, Ray.....	36.00
Benson, Alex.....	4.00	Maloney, Jerry.....	59.50
Benson, Sven.....	17.50	Martin, Joseph P.....	20.65
Bernatz, F.....	2.50	Matthews, J. D.....	6.00
Biernau, Henry.....	66.00	Missoula Mercantile Co.....	1,824.55
Big Blackfoot Milling Co.....	401.73	Missoula Brick & Tile Co.....	4.80
Big Blackfoot Lumber Co.....	4.32	Montana Anchor Fence Co.....	24.00
Boardman, Ben.....	60.00	Montana Iron Works.....	175.00
Brons, H. J.....	144.63	Morrigeau, John.....	325.62
Callahan, T.....	6.00	Nisewanger, E. L.....	6.00
Cantrel, Arthur.....	7.00	Nolan, James.....	12.00
Cantrel, J. C.....	106.00	Pauline, Albert.....	13.00
Cantrel, Wm.....	1.25	Northern Mercantile Co. (Ltd.).....	2,554.26
Cantrell, T. J.....	521.50	Page Woven Wire Fence Co.....	47.60
Carlisle, S. L.....	35.00	Powers, J.....	43.50
Chescolay, Benaway.....	403.50	Quisenberry, Jack.....	4.00
Colson, R.....	191.34	Rape, Frank.....	4.00
Connell, J. A.....	21.88	Rasmussen, Albert.....	156.25
Connell, J. T.....	69.88	Reinhard, J. P.....	1.75
Crawley, John J.....	9.00	Robinson, Joe.....	203.12
Crawley, J. P.....	9.00	Roche, Mike.....	6.00
Curtis, Ed D.....	6.00	Rogers, Wm.....	98.38
Daniels, Harley F.....	39.22	Roony, Harold.....	145.00
Doyle, Ed.....	59.62	Rowe, Wm.....	28.00
Drake, Wm.....	63.34	Schumann, Nick.....	129.75
Drive, J. P.....	49.15	Sheridan, M. S.....	43.50
Dupins, John.....	28.00	Sloan, John.....	14.00
Dupuy, Jack.....	4.00	Strong, Chas.....	2.00
Durand, Ed.....	223.25	Strong, Joe.....	2.00
Eklund, Oscar.....	72.12	Tellier, Isaac.....	36.00
Engbretson, J. L.....	81.81	Thompson, Frank.....	71.00
Erickson, Al.....	5.25	Tordrew, Harry.....	44.50
Ethell, Bert.....	269.75	Trasy, Frank.....	42.50
Ethell, Geo.....	38.40	Tweed, Theodore.....	26.00
Ethell, Jim.....	34.25	Ures, Chas.....	7.50
Ethell, Thos.....	40.15	Wade, Jefferson.....	122.88
Fagetty, Frank.....	31.25	Walbeck, Victor.....	163.94
Flanigan, Jim.....	5.25	West, Henry.....	8.00
Forbes, Andrew.....	21.50	Worden, F. L.....	189.60
Foster, Thos.....	107.75	Yale & Towne Manufacturing Co., The.....	22.14
Garden City Bakery.....	4.10		
Gendron, Baptiste, estate of.....	125.00	Total.....	45,130.80
Gobin, Frank.....	4.00		
Graham, Chas.....	25.00	<i>Fuel.</i>	
Greer, James.....	64.00	Worden, F. L.....	20.00
Hagan, John.....	20.67		
Hall, Jeff.....	110.12	<i>Freight.</i>	
Hunter, Josephine.....	43.33	Northern Pacific Ry. Co.....	1,784.56
Hunter, Theo.....	77.50		
Interior Department, Flathead Indian Reservation.....	28,955.48	<i>Express.</i>	
Jackson, A.....	6.00	Northern Express Co.....	24.00
Jarett, Jos.....	120.50		
Johnson, J. H.....	12.00	<i>Travel, station, and field expenses.</i>	
Johnson, O.....	6.00	Kramer, E. W.....	364.98
Johnson, W.....	6.00	Matthews, Jewett D.....	8.40
Kay, Fred.....	8.00	Stahl, E. G.....	5.90
Kingsbury, J. H.....	42.75		
Kramer, L. C.....	212.53	Total.....	379.28
La Fontaine, Chas.....	51.99		
Lantean, Michael.....	256.50		
Larose, Antoine.....	5.00		
Larson, A.....	6.00		

Total amount of appropriation.....\$47,391.22  
 Total expenditures under above groups to June 30, 1910.....47,391.42

Repayment to credit of appropriation.....20



## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Refunds to depositories, excess of deposits, national forest fund, \$48,966.86."*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Refunds.</i>		<i>Refunds—Continued.</i>	
Abercrombie, S. D.	\$18.50	Blumberg, Fred.	\$30.75
Abeyta, Bros. & Co., E. A.	25.95	Bond & Bro., G. W.	4.40
Acker & Brusacoram	5.00	Bondurant, R. F.	10.87
Acme Florida Turpentine Co.	25.42	Bonne, Max C.	37.00
Adams & Crabtree	3.90	Boorego, Juan.	18.30
Adams, Fred.	15.20	Boston & Idaho Gold Dredging Co.	35.15
Ah Won.	3.00	Boutens, Cyrille.	4.50
Alameda, John.	13.44	Bowlby, E. R.	1.00
Alderman, Samuel J.	33.45	Boyer, William S.	.60
Alfred, Jas. I.	7.50	Boyer Bros. (Inc.).	68.00
Allen, August.	28.62	Brandes, George.	62.16
Allen, B. F.	6.00	Brenners, Frank.	10.84
Allen, P. McLeod.	18.36	Brimmer, John W.	9.40
Allen, W. H.	36.00	Brooks Bros.	543.40
Allison, D. T.	34.68	Brosins, John E.	7.70
Almgren, Louis J.	45.68	Brown Bros.	14.58
Alvord, F. E.	2.00	Brown & Dickford.	12.50
Anaya, Jose Abel.	26.00	Brown, Elmer.	62.75
Anderson, Anton.	12.00	Brown, Fred.	25.00
Anderson Bros.	.80	Brown, S. S.	36.32
Anderson, Charles.	2.43	Bruce, Frank.	1.00
Anderson & Knight.	4.90	Bryant, F. L.	12.80
Anderson, Percy.	300.00	Buck, M. E.	42.00
Anderson, R. W.	20.00	Buiford, M. N.	1.50
Anderson, Wm.	15.00	Bunker Hill & Sullivan Mining & Construction Co.	93.81
Anderson, W. S., trustee.	15.00	Burdick, E.	3.75
Andrus, W. J.	95.00	Burster, E. A.	2.80
Archuleta, D. R.	92.91	Burrows, I. A.	30.10
Aresse, Pedro.	40.00	Buschmann, August.	28.50
Arnold & Sons, A. G.	50.00	Butler, E. A.	4.10
Arrowhead Reservoir & Power Co., The.	52.25	Callahan, J. W.	12.00
Ash Creek Lumber Co.	67.26	Calsan, John.	18.00
Asher, J. F.	7.00	Calson & Titus.	28.05
Asiatic Tunnel Mining & Mill Co.	30.00	Campbell, Colin & Co.	991.20
Atcheson, Jas.	5.00	Campbell, Francis & Co.	210.50
Atkinson, D. R.	7.50	Campbell, H. B.	7.50
Babbitt & Lee.	64.75	Cantonwine, W. A.	9.00
Babbitt & Verkamp.	215.00	Capital City Improvement Co.	40.00
Bacon, S. H.	5.00	Carbon County Sheep & Cattle Co.	177.66
Bacon, Thos. E.	28.00	Carbon Timber Co.	14.67
Badger, Leroy.	11.52	Cardnot, Peter.	2.50
Baer Bros. Land & Cattle Co.	150.00	Carlson, A. F.	5.50
Baggs Live Stock Co.	112.00	Carpenter, Chess.	17.50
Bailey, J. N.	2.00	Carter, E. F.	58.60
Bailey, M. J.	200.00	Carter, E. W.	61.25
Baker, J. H.	2.20	Carter, J. M.	42.25
Baker, J. N.	1.30	Casagrande, Antonio, & F. Bazzanella.	259.20
Baker, Matt.	14.85	Catron-Pigott Cattle Co.	20.00
Baker River Lumber Co.	602.32	Caylor, B. F.	1.75
Ballejos, Juan Chabes y.	3.51	Central Colorado Power Co.	367.94
Bartlett, John R.	1.75	Central Nevada Land and Live Stock Co.	5.00
Barton & Sheffield.	4.24	Chaffee, A. J.	7.50
Barvero, Miguel.	12.00	Chaffee, Chas. B.	47.00
Bates, Thomas.	14.00	Chapman, D. M.	6.65
Bean, M. L.	64.00	Chapman, F. S.	13.15
Beasley, A. H.	110.00	Chapman, Harry A.	31.25
Beem, A. J.	35.00	Chapman, Walter.	6.90
Bell Bros.	10.00	Chavez, Manuel.	23.00
Bennett, Frank L.	12.30	Chicago, Milwaukee & Puget Sound Ry.	328.60
Benton, Frank.	45.00	Chilson & Haught.	34.50
Berry, E. E.	15.37	Chiricahua Cattle Co.	3.16
Bidart, John.	7.50	Chisholm, Alex S.	10.00
Big Creek Gold Mining Co.	24.20	Clark, Fred L.	31.80
Big Creek Shingle Co.	500.00	Clark & Son, Hiram.	3.75
Biglow, Burney.	3.75	Clark, Z. T. & E. F.	46.28
Bitter Root Valley Irrigation Co.	14.20	Clay, Henry.	25.00
Black Bear Consolidated Manufacturing Co.	2.00	Clearywater Short Line Ry. Co.	2,933.25
Black, C. H.	5.00	Coffin, G. H.	115.00
Blacker, William.	2.50	Cohoon, Wilbur.	14.00
Blair & Garner.	10.00	Cogan, Ann.	12.00
Blair & McClain.	12.50	Cogan Bros.	3.75
Blasingame, L. A.	52.50	Colcord, H. S.	4.80
Blauvelt, Harrington.	29.44		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Re-funds to depositories, excess of deposits, national forest fund, \$48,966.86"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Cole, Mrs. Alice.....	\$13.25	Espinosa, Ben.....	\$31.80
Cole, Dan.....	48.00	Esquibel, Ramon.....	3.51
Cole, L. P.....	21.40	Eureka Lumber Co.....	17.18
Coleman, Con.....	2.00	Eureka Sheep Co.....	54.00
Collins, Geo. P.....	1.43	Evans, W. H.....	30.00
Collogan, Joseph P.....	21.18	Everett, R. W.....	9.50
Colorado Telephone Co.....	5.25	Fandango Lumber Co., The.....	51.45
Colorado Investment, Trading & Transportation Co.....	68.07	Farmers Sawmill Co.....	6.96
Cotwell, A. M.....	14.00	Favor, R. J.....	12.50
Como Orchard Land Co.....	3.00	Feast, Samuel.....	43.75
Conklin, W. E.....	7.99	Fehling, Henry.....	11.25
Conlin, George F.....	2.50	Fenton, Charles H.....	8.40
Conlin, John W.....	12.33	Fernandez, Ventura.....	6.50
Conner, Frank.....	4.29	Fervan, Isidore.....	10.00
Cooper Lumber Co.....	66.09	Ferran, W. J.....	7.52
Cooper, S. M.....	.50	Ferran, Ysidore.....	58.08
Copper Bar Mining Co.....	15.50	Field, A. M.....	17.25
Cordova, Reyes.....	15.00	Fields, Geo. H.....	15.50
Cornstadt, Pete & Co.....	21.68	Finke, Paul T.....	.25
Cosgriff Sheep Co.....	297.50	Fisher, W. H.....	11.50
Cossitt & Klapp.....	112.50	Flammer, Geo.....	66.81
Cottonwood Coal Co.....	50.00	Flanagan, P. F.....	11.62
Cow Creek Sheep Co.....	241.50	Fleming, Geo. W.....	6.25
Crago, James.....	24.66	Fleming, W. E.....	19.75
Craig & Vogel.....	1.80	Flock, C. E.....	26.96
Creswell, R. C.....	72.67	Flury, Andrew.....	6.00
Crippen, G. B.....	5.00	Foran, Thomas.....	20.37
Crothers, Wm.....	6.17	Ford, W. R.....	6.00
Crowley, Claud.....	16.20	Forman, Jas. H.....	122.50
Cullen, McPherson Co.....	51.00	Fraunhofer, Sylvester.....	18.75
Daniels, Joe E.....	245.00	Frazier, R. A.....	86.25
Daniels, Joseph.....	22.88	Frazier, Roy C.....	86.25
Darr, J. W.....	25.00	Frederick, Aaron W.....	3.00
David, L. E.....	7.50	Frost, C. H.....	17.00
Davie, Alex.....	12.50	Frost, Floyd.....	2.50
Davies, James.....	36.00	Frost, J. H.....	8.75
Davis, J. A.....	6.40	Fuller & Carr.....	17.00
Davison, Ella D.....	.80	Fuller, J. H.....	80.00
Dawson, L. H.....	10.00	Fulton, Luther.....	25.00
Deakins, W. R.....	1.00	Garcia, Abilino.....	7.56
Dearing, Robb.....	2.50	Garcia, Elias.....	68.32
De Beaumont & Baldwin.....	5.00	Garcia, Faustin.....	36.00
Defenbach, B. S.....	50.00	Garcia, Hilario.....	26.80
Demarblex, John.....	.80	Gardner & Hazard.....	67.70
Dennis Lumber Co., J. M.....	64.33	Garlock & Ainslie.....	150.00
Denny, Fred A.....	2.55	Garrett, J. M.....	200.00
Develin, J. W.....	10.00	Gattrell, A. T.....	.90
De Weese, Dall.....	5.00	Genier, Henry.....	4.75
De Witt, Bert.....	11.25	Gerber, Paul.....	5.00
De Witt, Mell.....	45.00	Gila Farm Co.....	4.80
Diamond "A" Livestock Co.....	200.00	Gilligan, Luke.....	17.50
Dodds, James G.....	25.00	Gilligan, John H.....	60.00
Dodge, R. N.....	6.00	Gist, Aubrey.....	5.00
Donatelli, Casino.....	11.75	Gomez, Jesus E.....	1.00
Dougherty, Madison.....	50.00	Gonzales, Encarnacion.....	25.10
Dowling, John F.....	50.00	Gosney, E. S.....	5.00
Druckemiller, J. E.....	83.88	Greenwood, D. B.....	750.00
Dubach, John.....	2.70	Griffin, C. B.....	4.95
Dunckley, Geo. W.....	1.75	Griffith & Painter.....	16.00
Dunckley, John.....	3.00	Grigg, Joe.....	3.65
Dunckley, R. H.....	4.50	Grove, Mrs. M.....	25.00
Dunlap, Mrs. W. E.....	7.50	Guthrie & Co.....	216.05
Duran, Max.....	9.75	Gutierrez, Natividad.....	35.98
Durham, A. L.....	18.50	Hack, A. J., & Chas. W.....	7.00
Easley, D. W.....	22.65	Haley, A.....	30.00
Edge, John A.....	36.00	Hall, Chas. J.....	3.00
Egry, C. F.....	6.50	Hall, Wm. Ham.....	4.50
Eldodd, Samuel.....	12.50	Hallock, Wm.....	18.75
Elliott, Mrs. J. D.....	29.40	Halsappel, Wilkins & Smith.....	50.00
Elliott, Geo.....	2.00	Hamilton, E. W.....	7.76
Empire Bank & Trust Co.....	51.48	Hammond, R. A.....	150.00
Empire Gold Mining & Milling Co.....	562.43	Haney, Rufus.....	1.25
English Manufacturing Co., J. H.....	41.16	Hanson, Peter.....	81.00
Enterprise Mining Co.....	107.00	Hanson & Ferguson.....	102.00
		Hanthorn & Clark.....	45.10

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Refunds to depositories, excess of deposits, national forest fund, \$48,966.86"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Hargis, J. D.	\$14.81	Keller, Ed.	\$17.40
Hargraves, R. C.	120.00	Keller & Legg.	4.50
Harmon, Jesse M.	11.19	Keller, William A.	17.85
Harper, E. J.	142.10	Kelley, Fred.	2.97
Harper, J. M., & Ritter, W. F.	2.97	Kelley, James A.	32.00
Harris, Geo. E.	10.00	Kelley, John W.	23.75
Harris, Samuel.	10.25	Kellogg, Cecil, & Co.	30.84
Hart, Richard.	30.00	Kempton, C. L.	20.00
Hart & Johnson.	152.45	Kenney, R. D.	48.85
Harty, John.	2.06	Ketchikan Power Co.	59.37
Hartley, Henry C.	5.00	Kimball, Geo. K.	28.68
Harvat, J. H.	9.48	Kinderman, William.	142.45
Hasley, Henry.	15.75	King, W. L., & Sons.	10.00
Haynes, Martha A.	.85	Kitkoon Mill Co.	3.37
Hays, R. B.	4.80	Kiviaho & Mannula.	9.00
Heady, Thos.	20.00	Kleinhesselinke, J. B.	5.00
Helmet & Shrenfield.	98.00	Klinesmith, Luther M.	.40
Henderson, J. D.	17.28	Koch, Mrs. A. C.	28.79
Hennessy, John.	160.00	Koch, Harry G.	166.60
Henriques, Frank.	22.00	Kuhn, John.	62.50
Henry, I. N.	61.77	La Fever, Charles.	54.00
Hensley, J. T.	5.53	Lakamp, A. J.	2.50
Hepburn, John.	4.80	La Kamp, Frank E.	.75
Heron, Geo. D.	4.00	Lake Chelan Box Factory.	48.58
Herrera, Anastacio.	18.00	Lamberson, Thos.	1.00
Herrera, Candida.	20.00	Lanningham, C. H.	2.50
Herryford Land & Cattle Co.	253.25	Langhlin, J. W. & R. L.	3.75
Herring, John.	12.50	Lawrence, Chas.	35.94
Hibben, Harry C.	1.00	Lawrence, Inez A.	15.00
Hidden Treasure Gold Mining & Milling Co.	10.99	Le Barron, A. J.	110.00
Higginbotham, T. M.	3.20	Lebo, J. P.	1.25
Hill, J. G.	12.85	Lee, J. D.	10.00
Hillberry & Weiss.	78.00	Lee, Marion.	3.50
Hilliard Bros.	20.00	Legg, J. B.	16.40
Hodges, N. M.	186.42	Lemhi Smelting Co.	76.00
Hoisington, Ira.	87.00	Leoni, Felix.	28.00
Holden, Paul.	25.00	Lepage, L. J.	6.50
Holland, John J.	16.25	Lindsay Bros.	5.00
Holland, M. D.	11.00	Liminger, Wesley W.	89.91
Holmes, H. H.	7.50	Lockett, H. C.	115.00
Holt & Rhoades.	23.24	Logan, S. C.	2.58
Hook, O. B.	77.36	Looker, Geo.	7.00
Horen, Martin.	50.50	Loomis, B. F.	50.00
Hosfelt, Charles.	15.00	Loper, H. S.	18.62
Houck & Hess.	200.00	Lopez, Emilio.	.40
Howard Sheep Co.	328.16	Lopez, Jose.	1.00
Howarth, John.	9.37	Losbaugh, Eli C.	1.10
Howell, A. J.	12.60	Lowe, J. W.	3.50
Howell, C. E.	6.35	Lunney, O. H.	5.00
Howey, B. C.	10.00	Lynch, J. W.	12.50
Hubbard, Geo.	7.20	Lyons, John.	8.60
Hulett & Torrence.	100.00	Lyons, Michael.	5.40
Hunewill, N. B., estate of.	35.00	McCoy, Jno. F.	12.50
Hunt, J. J.	30.00	McDonald & Rimell.	11.00
Hunt, R. S.	30.00	McFarland, A.	2.00
Hutchinson & Co., C. C.	250.00	McGreer, Edwin E.	96.00
Ibach, B. F.	30.00	McGuire, Henry.	6.74
Iceland Lumber Co.	107.97	McHatton & Murray.	25.00
Ingalls, Geo. H.	3.00	McKay, Peter.	9.82
Ingle, A. N.	102.00	McKirahan, Samuel.	12.56
Indian Hill Mining Co.	5.47	McLean, Charles.	9.00
Jackson, H. F.	104.71	McLean, D.	2.40
Jacobson, Jacob.	7.00	McLean, John.	19.37
Jamieson, J. C.	21.00	McMahon, Thos.	1,000.00
Johansen, J. A.	3.00	McMillan, J. J., & H. T. Adams.	3.50
Johnson, Louis A.	3.75	McPherson, Clyde.	9.05
Johnson, Olaf.	5.00	McQuaid, Bernard.	15.00
Johnson, Wm.	13.00	McQuaid, Thomas.	30.00
Johnston, Elliott.	57.31	Mackker, Chas.	25.00
Jones, John F.	12.60	Madril, Teofilo.	19.60
Joseph, Antone.	40.00	Madsen, J. C.	3.75
Kaiser Livestock Co.	683.49	Mahoney, Jud.	28.50
Keep, Jos. R.	3,000.00	Make, Chas.	8.75
Keller Bros.	12.50	Mallon Bros.	15.00
		Mann, Wilson.	5.00



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Re-funds to depositories, excess of deposits, national forest fund, \$48,966.86"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Marchant, Alonzo J. ....	\$4.44	New Mexico Lumber Co. ....	\$3,000.00
Marques, T. M. ....	4.00	Nichols, C. C. ....	6.30
Marshall, Jack. ....	12.00	Nichols, Jotham. ....	2.75
Marshall, W. W. ....	.60	Nickerson, John. ....	16.55
Martin, Charles. ....	30.00	Niland & Tierney Co. ....	51.00
Martin, Edith C. ....	84.00	Norton Bros. ....	35.00
Martin, G. W. ....	2.40	Oakden & Tanner. ....	3.00
Martin, W. I. ....	.33	O'Loughlin, Mary V. ....	1.20
Martinez, Evaristo. ....	180.00	Olson, Peter. ....	4.00
Martinez, Florencio. ....	24.00	Ortiz, Daniel. ....	14.00
Martinez & Co., Juan B. ....	12.00	Ortiz, Ramon. ....	14.00
Martinez, Librado. ....	7.70	Osborn, E. I. ....	25.00
Martinez, Manual Lopey y. ....	6.00	Osborn, O. P. ....	12.50
Martinez, Matias. ....	20.00	Osgood, Solon. ....	12.50
Martinez, Ramon. ....	12.00	Ostle, Wm. ....	8.00
Martinez Weiss & Sylvester. ....	36.84	Overholt, Geo. W. ....	130.00
Mason, Chas. ....	100.00	Owens, John F. ....	5.00
Matson, Matt. ....	22.24	Padia, Mariano. ....	22.50
Maunala, Jacob. ....	4.72	Pagosa Lumber Co., The. ....	50.00
Mauz, Kilian. ....	7.23	Painter, John F. ....	50.00
Medicine Bow Lumber & Machinery & Manufacturing Co., The. ....	50.00	Palmer, Bros. ....	76.80
Merkley, Chris. ....	9.30	Palmer, J. A. ....	2.53
Merriman, A. J. ....	9.15	Palmer Mountain Tunnel & Power Co. ....	416.47
Merry, O. F. & H. P. ....	2.00	Parker, C. ....	1.75
Mickey, W. R. ....	5.00	Patrick, Lester. ....	.80
Midway City. ....	3.50	Patrick, M. M. ....	1.10
Milldale Farm & Live Stock Improve- ment Co. ....	3.45	Patt, Wm. A. ....	8.60
Miller, Clyde. ....	.40	Peeler, Thos. ....	2.50
Miller, T. W. ....	194.44	Penland, W. T. ....	7.50
Millican, Oscar. ....	12.50	Penn, Wyoming Copper Co. ....	95.87
Mitchell, C. W. ....	7.50	Pennington, H. L. ....	3.00
Mitchell, Jacob. ....	108.00	Perkins, W. W. ....	46.00
Monday, J. F. ....	12.25	Peter, jr., H. P., Olaf Olsen, N. O. An- derson, jr. ....	31.34
Monroe, A. J. ....	3.75	Phillips, B. D. ....	16.00
Montana Lumber Co. ....	492.00	Phillips, Melvin. ....	5.00
Montierth, E. E. ....	1.00	Phinney, E. A. ....	2.00
Montoya, Juan Frz. ....	25.11	Pike, Chas. W. ....	7.50
Moore, W. W. ....	27.20	Pike, Grant. ....	29.50
Morehead, D. C. ....	165.99	Pilon, Homer. ....	3.00
Morgan, Wm. T. ....	3.50	Pioneer Sheep Co. ....	212.16
Morning Star Mining Co. ....	24.47	Piper, L. C. ....	161.00
Moros, Striv. ....	6.25	Pope, H. D. ....	3.00
Morris, C. N. ....	5.00	Powell, Arnold. ....	11.00
Morris, James G. ....	11.60	Powell, T. D. ....	1.50
Morrison, Thomas. ....	1.00	Pratt, C. C. ....	22.50
Morse & Friedlein. ....	100.00	Pratt, Dee. ....	20.00
Moscript & Hassell. ....	20.20	Pursel, Arthur. ....	1.50
Mount Hope Sheep Co. ....	240.00	Pyeatt, Henry. ....	5.10
Mowbray, Wm. ....	3.60	Pyle, L. A. ....	8.00
Moya, Jesus S. ....	11.48	Quigley, W. H. ....	3.00
Murphy, Owen. ....	2.50	Quijada, Jesus. ....	4.25
Murray, J. H. ....	19.00	Quintana, Eusequio. ....	8.00
Musser, J. W. ....	18.75	Quinton, John T. ....	32.00
Myers, Charles. ....	225.00	Ralston, James I. ....	15.50
Myers Co., The L. E. ....	11.35	Rand, R. R. ....	50.00
Myles, David. ....	11.00	Randall, B. D. ....	8.50
Nachtrieb, Chris. ....	15.00	Randall, W. J. ....	20.00
Nachtrieb, Mrs. Margaret. ....	67.50	Ramdal, Erick. ....	10.92
Neal, A. G. ....	10.00	Raymond, Peter. ....	20.65
Neiman, Chas. W. ....	2.50	Reader, A. R. ....	50.65
Nell, H. H. ....	10.63	Reader, W. G. ....	7.81
Nelson, Christian. ....	80.00	Rhoton, C. L. ....	2.10
Nelson, John. ....	60.00	Rice, Joel W. ....	100.00
Nelson, J. L. & Ashenbrenner, A. ....	10.75	Riemer, G. ....	100.00
Nelson, J. W. ....	33.68	Riley, Harry. ....	11.69
Neville, Robert H. ....	20.00	Rinckel, J. W. ....	1.57
Newcomer, B. G. ....	5.87	Rivera, Felix. ....	28.14
Newman, E. B. ....	110.00	Rivera, Jose. ....	16.00
Newman, G. L. ....	225.00	Robbins, A. C. ....	12.00
Newman, J. D. ....	60.00	Robbins, J. M. ....	15.00
Newman Sheep Co. ....	150.00	Robbins, Lew. ....	9.35
Newman, W. W. ....	10.15	Roberts & Dwight. ....	38.86
		Roberts, H. L. ....	71.49

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Refunds to depositories, excess of deposits, national forest fund, \$48,966.86"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Roberston, J. P.	\$25.00	Sorracco, Joseph.	\$3.00
Robinson & Co., C. O.	120.00	Sorgi, Nick.	1.00
Robinson, Doane.	5.10	South Feather Land & Water Co.	14.30
Robinson, W. J.	18.25	Speer, B. C.	50.00
Rocky Mountain Sheep Co.	45.00	Spellmire & Lyons.	95.00
Rodriguez, David.	14.00	Stainbough, I.	13.13
Romero, Manuel de Jesus.	15.00	Stamp Springs Coal & Power Co.	33.62
Romero, Vicente.	13.00	Stark, Wm.	7.00
Roosevelt Live Stock Co., The.	84.00	Stark, J. W.	75.00
Rose, Geo.	2.50	States, Gustavus J. & Herbert.	144.21
Rose, Oscar.	48.00	Stanney, John.	50.00
Roseborough & Lee.	5.00	Stenson, Ed.	20.08
Ross, D. F.	6.66	Stewart, Sarah E.	1.25
Ross, E. H.	12.40	Stewart, T. P.	5.00
Rothfus, John.	14.20	Stockham Bros.	22.25
Reed, Martin H.	14.44	Stoddard, David.	300.00
Ruscher, Willard D.	13.05	Strang, Stephen L.	4.80
Russell, E. C.	20.00	Strong, John.	5.96
Russell, F. E.	507.47	Summers, Len.	11.00
Rust, A. A.	32.29	Sutton, O. B.	46.00
Rutherford, W. A.	8.11	Swayze Lumber Co.	36.46
Ruybal, Jose E.	22.00	Sweeney, General M.	10.00
Ryan, Daniel.	30.00	Taber, Walter M.	63.95
Ryley, J. M.	475.00	Taggart, James A.	8.06
Salazad, Elliceo.	8.45	Taylor, A. J.	30.75
Salino Sawmill Co.	71.71	Taylor, H. C.	4.20
Sample, D. C.	35.70	Taylor, J. J.	12.00
Sanchez, Santiago.	12.18	Taylor Mountain Mining Co.	19.55
Sanders, A. G.	5.00	Teater Bros.	1.75
San Juan Water & Power Co.	44.13	Tehama County Power & Transportation Co.	39.51
Saratoga Sheep Co.	135.00	Thackara, Annie B.	8.10
Sartor, J. W.	2.05	Therault, Ed.	15.20
Sattler, Julius.	5.00	Thomas, William.	6.75
Sawyer, E. A.	95.00	Thornton, Chas.	7.00
Sawyer, J. H.	1.12	Therney Sheep Co.	71.30
Schmidt, O. R.	4.50	Tillery, M. F.	77.52
Schwab, Herbert.	1.40	Tillman & Giebner.	497.52
Scott Bar Hydraulic Mining Co., The.	129.08	Tinton Reduction Co.	75.50
Scott, George.	325.00	Titsworth, Geo. A.	.20
Scott, James.	185.00	Tobias, Sigel F.	24.00
Scott, Martin E.	9.56	Tomahawk Mines Co.	27.52
Scott, Robert.	162.00	Tonningson, Chas.	128.00
Scott, W. E.	7.45	Tripp Bros.	14.00
Scribner, C. J.	6.30	True, H. B.	10.00
Seaverson, Louis.	28.50	Trujillo, Ensebio.	10.00
Sedillo, Venseslado.	3.20	Trujillo, Juan Francisco.	40.10
See, Ed. D.	11.58	Trujillo, Manuel.	8.40
Seneca Mining & Milling Co.	2.31	Twin Butte Mining Co. (Ltd.).	27.18
Senecal, Felix.	70.90	Twiss, Wm. E.	190.00
Seyfords & Levander.	3.50	Tyler Sheep Co.	100.00
Shaw Bros.	2.50	Umatilla Electric Power Co.	14.00
Shaughnessy, Wm.	4.20	Ure, Heber.	5.32
Sheridan, John.	19.50	Utah-Colorado Cattle & Improvement Co.	250.00
Shideler, Chas. J.	8.25	Utah Construction Co.	576.45
Shipley Bros.	24.00	Valdez, Francisco.	1.00
Shipp, G. R.	12.00	Valdez, Jose A.	10.00
Shively, Mrs. Inez.	6.25	Valdez, Jose P.	35.35
Shreeves, J. W. & Bert.	10.00	Valencia, Manuel Sandoval y.	18.68
Sievers, John.	4.19	Vance, James D.	5.00
Simkins, Frank R.	84.23	Vandeventer, D. R.	7.35
Simon, Peter.	12.50	Varela, Pedro.	2.95
Sisneros, Joaquin.	8.83	Victoria Gold Coin Mining & Milling.	100.00
Skelton, John.	10.00	Vigil, Abel.	10.50
Skooknon Copper Mining Co.	6.00	Vigil, Beatriz.	26.00
Slack Bros.	17.87	Vigil, Daniel.	2.00
Smart, S. W.	25.00	Vigil, Domingo.	10.50
Smiley Sheep Co.	112.00	Waddell, John T.	5.00
Smith, C. A.	3.00	Waggoner, A. W.	492.00
Smith, E. P.	8.35	Waisner, Geo. C.	30.00
Smith, J. A. M.	2.00	Waisner, G. W.	32.10
Sneeve, Anthony.	12.50	Waisner, W. E.	30.75
Snider, David.	10.00	Walbridge, L. B.	16.00
Snowstorm Mining Co.	161.42		
Socorro Mines.	1.50		

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Re-funds to depositories, excess of deposits, national forest fund, \$48,966.86"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Walden, M. O. ....	\$3. 75	Williams Cooperage Co., H. D. ....	\$40. 00
Walker, Fred A. ....	199. 62	Williams, Joseph. ....	260. 00
Walker, R. E. ....	24. 00	Williamson, J. N. ....	5. 00
Ward, D. S. ....	24. 96	Willow Creek Land & Live Stock Co. .	132. 81
Ward, I. A. ....	12. 00	Willmot, Mrs. N. A. ....	3. 50
Wardell, Geo. ....	12. 61	Wilson, Ben. ....	28. 50
Warlick, A. P. ....	6. 75	Wilson, H. T. ....	16. 00
Warner, A. L. ....	69. 00	Wilson, John F. ....	5. 00
Warner Valley Stock Co. ....	50. 00	Wilson, Tunis V. ....	24. 00
Warnock, F. W. ....	7. 41	Wilson, Wm. ....	13. 00
Watrous, F. L. ....	61. 64	Wind River Lumber Co. ....	3, 730. 00
Wattenberg, Edward A. ....	5. 00	Wingrove & Williams. ....	59. 83
Weare, C. R. ....	6. 83	Wintz, A. L. ....	9. 34
Webb, M. C. ....	14. 00	Woll, W. W. ....	20. 50
Weimer Copper Co. ....	97. 50	Wolter, Rudolph. ....	58. 32
Wells, Jesse H. ....	5. 00	Woods, A. J. ....	9. 20
Western Timber & Mining Co. ....	9. 75	Wooland, Ernest. ....	3. 18
Weston, Joseph. ....	11. 25	Woolfolk, C. T. ....	100. 00
Whipple, D. H. ....	33. 51	Workman, Dr. W. ....	10. 00
White, Frank. ....	8. 44	Wright, Patrick. ....	4. 25
White, J. M. ....	20. 00	Writenhouse, Frank. ....	50. 00
Whitney, M. J. ....	112. 50	Wyman, J. N. ....	3. 00
Wible, Perry. ....	25. 00	Yakima Sheep Co. ....	5. 00
Wiegand, Geo. R. ....	35. 25	Young, Mary V. ....	6. 80
Wilberg, Carl. ....	77. 69	Young, P. L. ....	6. 69
Wilbur, Geo. H. ....	60. 00	Younkers, A. J. ....	1. 25
Wilbur, Pracht & Co. ....	58. 42		
Wilhelm, J. B. ....	5. 25	Total amount of appropriation. .	48, 966. 86
Williams, Hyrum. ....	2. 50	Total expended to June 30, 1910. .	48, 966. 86

## RECAPITULATION.

Statutory salaries. ....		\$59, 455. 90
Lump-fund salaries:		
In Washington. ....		245, 898. 26
Outside of Washington. ....		2, 625, 255. 21
Stationery. ....		17, 455. 60
Miscellaneous supplies and services, equipment, books, machinery, etc. ....		1, 102, 758. 57
Furniture. ....		30, 729. 13
Fuel. ....		1, 599. 85
Freight. ....		19, 300. 31
Express. ....		3, 615. 10
Telegraph. ....		5, 284. 20
Telephone. ....		9, 104. 92
Rent. ....		99, 629. 17
Gas and electricity. ....		1, 430. 76
Apparatus, instruments, and laboratory material. ....		13, 667. 13
Printing and binding. ....		1, 423. 55
Travel and station and field expenses. ....		356, 418. 90
Total for entire Forest Service. ....		4, 593, 026. 56
Advances to temporary special disbursing agents. ....	\$70, 712. 00	
Refunds to depositories, excess of deposits. ....	48, 966. 86	
Payments to Uinta Indians, timber sale receipts. ....	1, 113. 47	
Payments to States and Territories, 25 per cent national forest receipts for fiscal year 1909. ....	438, 702. 81	
		559, 495. 14
Total. ....		5, 152, 521. 70
Total of all appropriations. ....		5, 233, 651. 63
Expended as shown above. ....		5, 152, 521. 70
Unexpended balance. ....		81, 129. 93
Repayments to credit of appropriations (including reimbursements on account of cooperative work with other Federal bureaus). ....		13, 964. 90
Unexpended balance, Aug. 31, 1910. ....		95, 094. 83
Outstanding liabilities on Aug. 31, 1910 (estimated). ....		72, 657. 37
Balance to be turned back in Treasury (estimated). ....		22, 437. 46

<sup>1</sup> Includes \$29,896.48 for purchase of land for National Bison Range, Mont.



## PROJECTS.

The principal projects conducted by the Forest Service during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

## General administration:

## Forester and Associate Forester—

Salaries.....	\$13, 608. 13	
Travel expenses.....	2, 889. 80	
		\$16, 497. 93

## Branch of operation (supervision of the business organization and management of the Forest Service and of national forest work)—

Salaries.....	9, 850. 84	
Travel expenses.....	2, 642. 66	
		12, 493. 50

## Branch of silviculture (supervision of technical work relating to the management of national and private forests, including the cutting of timber, reforestation—artificial and natural—and experimental work)—

Salaries.....	7, 110. 98	
Travel expenses.....	2, 244. 29	
		9, 355. 27

## Branch of grazing (supervision over all matters connected with the consumption of the forage resources of the national forests by live stock)—

Salaries.....	7, 255. 83	
Travel expenses.....	3, 330. 91	
		10, 586. 74

## Branch of products (supervision of experimental and statistical investigations which have as their object the more economic use of the products of the forests)—

Salaries.....	5, 095. 36	
Travel expenses.....	1, 401. 88	
		6, 497. 24

## Branch of lands (supervision of the granting of permits for the occupancy and use of national forest lands and of investigations of claims to lands within the national forests having for their object the determination of the natural character of the lands and the assistance of claimants in perfecting their claims)—

Salaries.....	11, 312. 02	
Travel expenses.....	297. 95	
		11, 609. 97

Total for general administration.....		67, 040. 65
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## Forest law (legal work in connection with matters affecting the Forest Service and the national forests):

## General—

Salaries.....	20, 100. 37	
Travel expenses.....	3, 651. 44	
Purchase of law books.....	499. 34	
		24, 251. 15

## National forest work—

Salaries.....	29, 101. 69	
Travel expenses.....	7, 865. 72	
		36, 967. 41

## Forest information (the planning of the lines along which the Forest Service makes known to the public the practical results of its work and the supplying of information for publication):

Salaries.....	9, 024. 23	
Travel and other expenses.....	1, 399. 34	
		10, 423. 57

Accounts (the conduct of the disbursements and receipts work of the Forest Service, its bookkeeping and accounting and the preparation of all papers relating to appointments, leave, and similar matter affecting the personnel):

Salaries .....	\$63, 614. 18	
Travel expenses .....	6, 609. 02	
		\$70, 223. 20

Forest studies:

Dendrological studies: Investigation of the distribution of trees and forests and the identification of woods—

Salaries .....	6, 609. 78	
Travel and other expenses .....	1, 325. 00	
		7, 934. 78

Forest statistics: The collection, in cooperation with the Census Bureau, of annual statistics of forest products of the United States, and the compilation of statistical data upon the uses of special forms of wood, exports and imports of forest products, forest fires, etc.—

Salaries .....	3, 885. 00	
Travel and other expenses .....	1, 010. 25	
		4, 895. 25

Grazing studies: Studies of the National Forest range and of forage plants and investigations of best methods for their use and improvement—

Salaries .....	4, 385. 82	
Travel and field expenses .....	3, 400. 00	
		7, 785. 82

Silvics: The investigation of scientific problems underlying the practical management of forest lands. This office includes in its work field studies, the establishment and maintenance of forest experimental stations, the compilation of forest data, and the building up and care of the Forest Service library and the branch libraries in the field—

General supervision and investigations—

Salaries .....	18, 255. 66	
Travel and field expenses .....	4, 154. 29	
Library (Washington), salaries .....	4, 467. 66	
		26, 877. 61

Field studies (distribution, rate of growth, volume and yield and habits of the principal forest trees in the United States; relation of forests to stream flow and climate; and conditions necessary to secure natural reforestation of denuded lands in order to furnish information to private timberland owners on request and to forest officers)—

Salaries .....	4, 747. 73	
Travel and other expenses .....	2, 320. 23	
Experiment station, Hawaii .....	1, 942. 93	
Stream flow experiment station .....	2, 359. 56	
		11, 370. 45
Field libraries: Purchase of books .....		2, 999. 88

State and private cooperation (preparation of planting plans for private owners; assisting, by correspondence, private persons in forest plantations; experimental planting in cooperation with State educational institutions; conduct of studies of forest conditions in cooperation with States, to determine the best forest policy for each State to follow, and of studies for the conservative management of forest lands belonging to States and to private owners):

Eastern work—

Salaries .....	16, 255. 28	
Travel and other expenses .....	8, 961. 25	

District 1—

Salaries .....	16, 474. 82	
Travel and other expenses .....	21, 674. 64	

## Forest studies—Continued.

## State and private cooperation, etc.—Continued.

District 2—		
Expenses . . . . .	\$487. 66	
District 5—		
Expenses . . . . .	100. 90	
		<sup>1</sup> \$63,954.55

## Federal cooperation (cooperative work with other branches of the Federal Government which have control of forest lands or lands needing reforestation)—

Eastern work—		
Salaries . . . . .	6, 027. 49	
Travel and field expenses . . . . .	1, 904. 65	
District 2—		
Salaries . . . . .	144. 50	
Travel and field expenses . . . . .	129. 65	
District 3—		
Salaries and expenses—		
Zuni National Forest . . . . .	270. 88	
Manzano National Forest . . . . .	75. 35	
		<sup>2</sup> 8, 552. 52

## Wood utilization: Forest products (this office, located at Chicago, Ill., gathers statistics of production, consumption, and prices of forest products and conducts investigations, not of a scientific or experimental character, to promote economy in the utilization of forest products)—

Salaries . . . . .	9, 532. 22	
Travel, field, and station expenses . . . . .	3, 832. 99	
Rent (Chicago offices) . . . . .	915. 00	
		14, 280. 21

## Laboratory, forest products, Madison, Wis. (the laboratory comprises the sections of wood preservation, engineering, wood pulp, chemistry, technology, timber tests, wood distillation, and maintenance; it controls all scientific and experimental methods employed by the branch of products)—

Supervision—		
Salaries . . . . .	5, 828. 00	
Travel, field, and station expenses . . . . .	1, 119. 93	
		6, 947. 93
Equipment—Purchase, installation, and transportation . . . . .		36, 877. 57
Transportation expenses of clerks transferred from other Forest Service headquarters to Madison and Chicago . . . . .		628. 20
Chemistry (conducts chemical studies related to the work of the laboratory)—		
Salaries . . . . .	3, 640. 97	
Expenses . . . . .	18. 35	
		3, 659. 32

## Wood pulp (conducts experiments to determine the suitability of various woods for pulp making, by various processes)—

Salaries . . . . .	4, 465. 00	
Travel and other expenses . . . . .	546. 50	
		5, 011. 50

## Wood distillation (conducts experiments on the refining and grading of wood turpentine, methods of analysis of and specifications for turpentine, and distillation of resinous wood)—

Salaries . . . . .	1, 516. 66	
Travel and other expenses . . . . .	1, 468. 33	
		2, 984. 99

<sup>1</sup> \$29,950.98 paid from contributed funds.<sup>2</sup> \$4,627.10 repaid by other Federal bureaus.



## Forest studies—Continued.

## Laboratory, forest products, Madison, Wis.—Continued.

Technology (investigations relating to the microscopic structure of wood and the principles involved in the change of conditions in wood when it is subject to different physical conditions)—

Salaries.....	\$6, 676. 66
Travel and other expenses.....	653. 94

\$7, 330. 60

Engineering (prepares plans and specifications for plants or machines used in the experimental investigations made by the laboratory or the district offices of products)—

Salaries.....	1, 497. 22
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Preservation (studies to ascertain the cheapest and most efficient preservatives, processes, and types of plants for the treatment of timbers used by railroads, mining companies, telephone companies, and other consumers of structural timber; studies to ascertain the most practicable methods for the treatment of fence posts, shingles, and other timbers used on the farm; also carries on investigations into the underlying principles of wood preservation; the results are then transferred to the field and tested under commercial conditions)—

Salaries.....	9, 186. 12
Travel and other expenses.....	3, 703. 46

12, 889. 58

Timber tests (conducts tests to determine the strength values of commercial American woods)—

Salaries.....	5, 916. 09
Travel and other expenses.....	680. 68

6, 596. 77

Maintenance (general supervision of products quarters at Madison; purchase, care, and distribution of supplies and equipment for the branch of products)—

Salaries.....	9, 331. 12
Rent (Madison office).....	245. 00
Miscellaneous expenses.....	381. 48

<sup>1</sup> 9, 957. 60

National forest timber work (studies to ascertain the most profitable methods for utilizing the timber, both dead and green, on the national forests so far as such methods relate to wood preservation, and including experiments to determine the classes of timber which should be treated and how to treat them most profitably)—

## District 1—

Salaries.....	766. 67
Travel and other expenses.....	1, 434. 31

2, 200. 98

## District 2—

Salaries.....	3, 615. 82
Travel and other expenses.....	935. 84
Rabbit Ear Experiment Station expenses.....	2, 240. 00

6, 791. 66

## District 5—

Salaries.....	4, 120. 00
Travel and other expenses.....	4, 319. 27

<sup>2</sup> 8, 439. 27

## District 6—

Salaries.....	4, 849. 00
Travel and other expenses.....	2, 656. 27

7, 505. 27

<sup>1</sup> \$6,069.63 paid from contributed funds on account of laboratory.

<sup>2</sup> \$50 paid from contributed funds.

## Forest studies—Continued.

Timber treating, Norrie, Colo. (experimental work to determine the cheapest and most efficient preservatives and processes for the treatment of railroad, mining, and other structural timbers)—

Salaries.....	\$433. 34	
Travel and other expenses.....	2, 926. 84	
		<sup>1</sup> \$3, 360. 18

Laboratory, Boulder, Colo. (testing commercial timbers in cooperation with the University of Colorado)—

Salaries.....	3, 261. 38	
Travel and other expenses.....	1, 143. 85	
		4, 405. 23

Laboratory, Berkeley, Cal. (testing commercial timbers in cooperation with the University of California)—

Salaries.....	2, 114. 45	
Travel and other expenses.....	740. 68	
		2, 855. 13

Laboratory, Seattle, Wash. (testing commercial timbers in cooperation with the University of Washington)—

Salaries.....	2, 851. 67	
Travel and other expenses.....	1, 742. 12	
		4, 593. 79

Publication (the preparation for publication of results of forest studies, the furnishing of information relating to forests to teachers and for school text-books, the revision of periodical publications of the service, proof reading, and the compilation of data relating to forests and forestry)—

Salaries.....	24, 110. 58	
Travel and other expenses.....	3, 013. 63	
		27, 124. 21

Total for forest studies ..... 310, 308. 25

## Use, protection, and improvement of the national forests:

General supervision, district foresters' offices—

District 1, Missoula, Mont.—

Salaries.....	5, 000. 00	
Travel and field expenses.....	1, 894. 05	
		6, 894. 05

District 2, Denver, Colo.—

Salaries.....	5, 374. 17	
Travel and field expenses.....	1, 911. 06	
		7, 285. 23

District 3, Albuquerque, N. Mex.—

Salaries.....	5, 690. 00	
Travel and field expenses.....	1, 957. 54	
		7, 647. 54

District 4, Ogden, Utah—

Salaries.....	4, 958. 88	
Travel and field expenses.....	1, 616. 53	
		6, 575. 41

District 5, San Francisco, Cal.—

Salaries.....	6, 000. 67	
Travel and field expenses.....	2, 111. 48	
		8, 112. 15

District 6, Portland, Oreg.—

Salaries.....	6, 048. 00	
Travel and field expenses.....	2, 197. 55	
		8, 245. 55

Total for district foresters..... 44, 759. 93

<sup>1</sup> All paid from contributed funds.

Use, protection, and improvement of the national forests—  
Continued.

General inspection (the regular inspection work on the national forests is done by the district foresters and their assistants, but a limited number of inspectors reporting directly to the forester are assigned to general inspection)—

Salaries.....	\$5,161.11	
Travel and field expenses.....	2,667.22	
		\$7,828.33

Operation, including organization (this office has direct oversight of the personnel of the executive force on the national forests, of the equipment, expenditures, and general forest administration. It forms the central agency through which administrative matters from all parts of the service are brought together and harmonized)—

Supervision—

District 1—		
Salaries.....	7,379.15	
Travel and other expenses.....	1,732.81	
		9,111.96

District 2—		
Salaries.....	4,330.00	
Travel and other expenses.....	4,346.21	
		8,676.21

District 3—		
Salaries.....	4,674.99	
Travel and other expenses.....	1,793.54	
		6,468.53

District 4—		
Salaries.....	4,570.82	
Travel and other expenses.....	1,275.20	
		5,846.02

District 5—		
Salaries.....	3,882.78	
Travel and other expenses.....	2,998.72	
		6,881.50

District 6—		
Salaries.....	7,034.16	
Travel and other expenses.....	2,805.92	
		9,840.08

Total for supervision, operation.....46,824.30

Establishment and conduct of ranger camp school (district 3), expenses.....4,620.36

National forests—

Salaries of the regular executive force.....\$2,175,356.20

Administrative expenses other than salaries—

Special timber sale work.....	24,459.96
Nursery and planting.....	77,640.92
Land examinations.....	30,126.35
Forest investigations.....	31,220.45
Traveling expenses.....	187,779.35
Rent.....	38,075.49
Supplies and equipment.....	87,231.85
Horse feed.....	58,550.13
General executive expenses.....	80,834.92

Improvement work—

Construction of—

Roads.....	27,385.26
Trails.....	134,616.37
Telephone lines.....	82,732.46
Fire lines.....	1,445.96
Fences for administration.....	54,479.23
Fences for stock under permit.....	1,849.29
Corrals.....	2,134.49



Use, protection, and improvement of the national forests—  
Continued.

## Operation—Continued.

## National forests—Continued.

## Improvement work—Continued.

## Construction of—Continued.

Bridges.....	\$9, 718. 69	
Houses.....	108, 873. 01	
Barns.....	35, 188. 36	
Water development.....	10, 536. 17	
Improvements purchased.....	14, 655. 13	
Repairs to roads, trails, and bridges....	15, 982. 66	
Repairs to—		
Telephone lines.....	5, 703. 20	
Houses and barns.....	25, 561. 68	
Fences and corrals.....	3, 031. 77	
Equipment purchased.....	12, 894. 62	
Miscellaneous improvements.....	22, 431. 37	
Fire fighting (other than salaries of the regular force).....	71, 056. 84	
		\$3, 431, 552. 18

## Engineering (expert advice and assistance on the ground in the construction of roads, trails, telephone lines, and other permanent improvements upon national forests)—

## Supervision—

## District 1—

Salaries.....	4, 909. 72	
Traveling expenses.....	1, 558. 54	

6, 468. 26

## District 2—

Salaries.....	1, 641. 66	
Traveling expenses.....	1, 238. 24	

2, 879. 90

## District 3—

Salaries.....	1, 545. 84	
Traveling expenses.....	916. 75	

2, 462. 59

## District 4—

Salaries.....	1, 850. 00	
Traveling expenses.....	1, 071. 11	

2, 921. 11

## District 6—

Salaries.....	3, 170. 83	
Traveling expenses.....	1, 726. 32	

4, 897. 15

## Total supervision, engineering.....

19, 629. 01

## Geography (this office includes the sections of drafting, atlas, alienation, and photography)—

## Supervision—

Salaries.....	3, 460. 00	
Travel and other expenses.....	4, 047. 55	

7, 507. 55

## Drafting (all classes of drafting work required by the various offices of the Forest Service and for use in the administration of the national forests)—

## Salaries—

Washington.....	17, 555. 55	
District 1.....	6, 673. 78	
District 2.....	3, 325. 00	
District 3.....	4, 176. 76	
District 4.....	5, 387. 49	
District 5.....	5, 181. 67	
District 6.....	4, 194. 00	

46, 494. 25

## Use, protection, and improvement of the national forests—

Continued.

## Operation—Continued.

## Geography—Continued.

Atlas (the graphic record of data obtained by the Forest Service and business done on the national forests)—

Salaries.....	\$10,849.99	
Expenses.....	11,682.02	\$22,532.01

Alienation (the examination of the records of the General Land Office to determine the public, State, or private ownership of lands within the national forests)—Salaries.....

2,490.00

Photography (the conduct of the laboratory work of photography for the Forest Service)—

Salaries.....	8,442.22	
Equipment, supplies, etc.....	5,883.33	14,325.55

Maintenance (general supervision of the quarters occupied by the Washington office and by the office force at the various district headquarters of general clerical and labor help, and of supplies and office equipment)—

Supervision and purchase (Washington)—

Salaries.....		2,304.17
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Custody (the care and distribution of instruments, equipment, furniture, and office supplies. In the districts this section also includes the supervision of quarters and mailing and filing work)—

Salaries—

Washington.....	4,722.17	
District 1.....	7,391.50	
District 2.....	9,906.14	
District 3.....	7,482.05	
District 4.....	9,221.66	
District 5.....	7,262.49	
District 6.....	8,719.67	54,705.68

General clerical work—

Salaries (Washington)—

Stenography and typewriting.....	19,897.89	
Mail: Receipt and distribution....	2,208.32	
Files: Maintenance of general files..	2,200.00	24,306.21

Quarters, salaries, messenger, watch, and janitor force (Washington).....

19,432.00

Rent—

Washington.....	25,249.19	
District 1.....	5,764.50	
District 2.....	5,712.09	
District 3.....	5,025.32	
District 4.....	3,875.00	
District 5.....	7,458.36	
District 6.....	6,325.73	59,410.19

Miscellaneous supplies and expenses—

Washington.....	2,729.50	
District 1.....	1,245.83	
District 2.....	1,875.14	
District 3.....	1,177.19	
District 4.....	2,961.10	
District 5.....	1,788.50	
District 6.....	2,083.28	13,860.54

Total quarters, etc..... 92,702.73

Use, protection, and improvement of the national forests—  
Continued.

Operation—Continued.

Maintenance—Continued.

Supply depot, Ogden (the central station  
for the purchase, care, and distribution  
of field and office supplies and equipment  
and field instruments)—

Salaries.....	\$13,397.49
Travel and station expenses.....	2,708.01
Rent of warehouse.....	1,250.00
Registration fees.....	300.00
Freight and express.....	7,800.00
Printing.....	1,598.97

\$27,054.47

Purchases—

Furniture and office equipment.....	63,190.09
Stationery and expendable office sup- plies.....	43,724.08
Field instruments.....	18,253.24
Camp and field equipment and sup- plies.....	15,002.19

140,169.60

Property, audit, and record—

Salaries.....	5,355.00
Miscellaneous expenses.....	332.25

5,687.25

Miscellaneous—

Telegrams (service).....

6,000.00

Telephone—

Washington.....	1,100.00
District 1.....	602.41
District 2.....	1,107.18
District 3.....	225.62
District 4.....	1,250.00
District 5.....	668.19
District 6.....	976.00

5,929.40

Freight (miscellaneous) <sup>1</sup>.....

7,100.00

Express (miscellaneous) <sup>1</sup>.....

2,000.00

Advertising—

Washington.....	500.00
District 1.....	1,200.00
District 2.....	981.99
District 3.....	505.58
District 4.....	695.00
District 5.....	342.21
District 6.....	673.88

4,898.66

25,928.06

Lands (the examination of lands for proposed national forests and for additions to and eliminations from existing national forests; the handling of agricultural settlements within national forests under the act of June 11, 1906, the land applied for is examined by specially trained men with a view to the opening for settlement and entry of tracts more valuable for agricultural than national forest purposes; the investigation and report to the General Land Office concerning validity of claims to lands within the national forests; and the supervision of the granting of permits for the occupancy and use of lands in the national forests)—

Washington, geologists—Salaries and expenses..... 2,753.80

<sup>1</sup> Freight and express on the forests are charged against the lines of work on account of which the shipments were made.



## Use, protection, and improvement of the national forests—

Continued.

## Lands—Continued.

District 1—			
Salaries.....	\$1,784.85		
Travel and field expenses.....	283.35		
			\$2,068.20
District 2—Salaries.....			2,514.17
District 3—			
Salaries.....	6,145.16		
Travel and field expenses.....	96.82		
			6,241.98
District 4—			
Salaries.....	950.00		
Travel and field expenses.....	196.92		
			1,146.92
District 5—			
Salaries.....	2,310.00		
Travel and field expenses.....	20.25		
			2,330.25
District 6—			
Salaries.....	1,152.51		
Travel and field expenses.....	1,179.49		
			2,332.00
Total for lands.....			19,387.32
Silviculture (supervising and assisting local forest officers in disposing of national forest timber, both under sale and free use. The preparation of plans for tree planting and tree seed sowing on the national forests and the rendering of assistance to local forest officers in carrying them out)—			
Timber sale work—			
District 1—			
Salaries.....	5,597.49		
Travel and field expenses.....	1,481.29		
			7,078.78
District 2—			
Salaries.....	5,286.25		
Travel and field expenses.....	834.80		
			6,121.05
District 3—			
Salaries.....	6,165.25		
Travel and field expenses.....	2,838.40		
			9,003.65
District 4—			
Salaries.....	4,383.17		
Travel and field expenses.....	981.45		
			5,364.62
District 5—			
Salaries.....	3,886.23		
Travel and field expenses.....	1,050.89		
			4,937.12
District 6—			
Salaries.....	4,895.27		
Travel and field expenses.....	1,084.98		
			5,980.25
Total for timber sale work.....			38,485.47
Planting work—			
District 1—			
Salaries.....	1,230.00		
Travel, field, and station expenses.....	477.10		
			1,707.10

Use, protection, and improvement of the national forests—  
Continued.

## Silviculture—Continued.

## Planting work—Continued.

## District 2—

Salaries.....	\$3, 005. 00
Travel, field, and station expenses.....	7, 874. 08
Fremont Experiment Station expenses..	5, 189. 95

\$16, 069. 03

## District 3—

Salaries.....	904. 16
Travel, field, and station expenses.....	1, 690. 23
Coconino Experiment Station expenses..	10, 026. 71

12, 621. 10

## District 4—

Salaries.....	1, 850. 00
Travel, field, and station expenses.....	538. 70

2, 388. 70

## District 5—

Salaries.....	1, 100. 00
Travel, field, and station expenses.....	619. 36

1, 719. 36

## District 6—

Salaries.....	1, 300. 00
Travel, field, and station expenses.....	4, 036. 20

5, 336. 20

## Total for planting work.....

39, 841. 49

Grazing (supervision and control under the general  
direction of the Washington office of the grazing  
business on the national forests, including the nec-  
essary audit and record of grazing permits issued)—

## District 1—

Salaries.....	4, 550. 00
Travel and field expenses.....	1, 236. 75

5, 786. 75

## District 2—

Salaries.....	4, 579. 00
Travel and field expenses.....	1, 873. 85

6, 452. 85

## District 3—

Salaries.....	4, 883. 50
Travel and field expenses.....	1, 684. 70

6, 568. 20

## District 4—

Salaries.....	7, 575. 00
Travel and field expenses.....	1, 996. 35

9, 571. 35

## District 5—

Salaries.....	4, 812. 50
Travel and field expenses.....	1, 253. 16

6, 065. 66

## District 6—

Salaries.....	4, 168. 33
Travel and field expenses.....	1, 464. 08

5, 632. 41

## Total grazing districts.....

40, 077. 22

Total use, protection, and improvement of the national  
forests.....

4, 159, 213. 14

## Summary of expenditures for forest work:

General administration.....	\$67, 040. 65
Law, accounts, and information.....	141, 865. 33
Forest studies.....	310, 308. 25
Use, protection, etc., national forests.....	4, 159, 213. 14

4, 678, 427. 37

## Miscellaneous payments:

## 1. National Bison Range (Montana)—

Purchase of land..... \$29,896.48

Construction of fences, sheds, etc. 17,494.74

\$47,391.22

## 2. Refunds to depositors, excess of deposit (34 Stat., 1270).....

48,966.86

## 3. Payments to States and Territories, 25 per cent of receipts from national forest resources for fiscal year 1909.....

438,702.81

## 4. Payments to Uinta Indians on account of timber receipts on former Indian lands (33 Stat., 1070).....

1,113.47

## 5. Cooperative funds returned to contributors.....

1,239.60

\$537,413.96

Total of all expenditures under Forest Service direction..... 5,215,841.33

Less amounts repaid from other Federal appropriations..... 4,627.16

Total from Forest Service appropriation..... 5,211,214.17

## Paid from appropriations as follows:

1. Salaries, Department of Agriculture..... 59,455.90

2. General expenses, Forest Service (net)..... 3,903,669.83

3. Improvement of the national forests (net)..... 587,981.12

4. Cooperative work, forest investigations (net)..... 40,670.39

5. Naval-stores industry..... 1,046.13

6. Paper tests..... 9,559.07

7. National Bison Range (net)..... 47,391.22

8. Refunds to depositors, excess deposits, etc..... 48,966.86

9. Returns to States, national forests fund..... 438,702.81

10. Proceeds sale of timber, Uinta Indian lands, special fund..... 1,113.47

Total..... 5,138,556.80

Liabilities outstanding (estimated)..... 72,657.37

Grand total expenditures..... 5,211,214.17

## Unexpended balances to be returned to the Treasury:

Salaries, etc..... \$744.10

General expenses..... 20,427.32

Improvement, etc..... 1,164.36

Paper tests..... 1.68

22,437.46

Total of all Forest Service appropriations..... 5,233,651.63

## BUREAU OF CHEMISTRY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation*  
"Salaries, Bureau of Chemistry, 1910, \$75,560."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wiley, H. W.....	Chief of Bureau, at \$5,000.....	\$5,000.00	\$415.47
Linton, F. B.....	Chief clerk, at \$1,800.....	1,800.00	
Coleman, Jay G.....	Clerk, class 4.....	1,800.00	
Pierce, A. L.....	do.....	1,750.00	
Shibley, J. G.....	do.....	1,800.00	
Cabell, Syme T.....	Clerk, class 3.....	1,600.00	
Eckman, Ethel.....	do.....	1,600.00	
Olson, H. E.....	do.....	1,240.01	
Pearce, E. W.....	do.....	1,302.22	25.00
Parkinson, N. A.....	do.....	1,600.00	
Walters, H. H.....	do.....	1,600.00	



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Bureau of Chemistry, 1910, \$75,560"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dallas, M. L.	Clerk, class 2.....	\$1,400.00	
Emmons, Marion T.	.....	408.33	
Wood, Myrtle J.	.....do.....	991.67	
Grayson, M. C.	.....do.....	1,400.00	
Lucas, Fredk C.	.....do.....	1,400.00	
Moore, Mary D.	.....do.....	1,400.00	
Olson, H. E.	.....do.....	1,189.99	
Proctor, Mary F.	.....do.....	210.00	
Shipe, L. F.	.....do.....	1,400.00	
Nordeman, Agnes M.	Property clerk, at \$1,600.	1,600.00	
La Grange, E. R.	.....do.....	195.00	
Proctor, Mary F.	Clerk, at \$1,300.	725.83	
Wood, Myrtle J.	.....do.....	379.17	
Anderson, M. F.	.....do.....	250.00	
Postle, S. A.	Clerk, class 1.....	950.00	\$173.47
Davis, Carrie M.	.....do.....	180.00	
La Grange, E. R.	.....do.....	1,020.00	
Eckman, L. L.	.....do.....	250.00	
Moore, Mrs. U. S.	.....do.....	940.00	
Hartman, M. E.	.....do.....	850.00	
Proctor, Mary F.	.....do.....	350.00	
Hiatt, Mabel B.	.....do.....	90.00	
Lambert, May A.	.....do.....	1,046.67	
Phillips, Maud.	.....do.....	1,200.00	
Schleber, C. C.	.....do.....	1,200.00	
Skinner, Laura A.	.....do.....	1,200.00	
Walter, Wallace W.	.....do.....	1,200.00	
Anderson, M. F.	.....do.....	791.67	
Durham, C. J.	Clerk, at \$1,000.	208.33	
Clement, B. Dorothy.	.....do.....	150.00	
Davis, Carrie M.	.....do.....	850.00	
Cohencious, S. F.	.....do.....	1,000.00	
Connell, Lydia.	.....do.....	708.33	
Hartman, M. E.	.....do.....	291.67	
Eckman, L. L.	.....do.....	791.67	
Potwin, Jessie.	.....do.....	208.33	
Kemp, Walter D.	.....do.....	1,000.00	
Phillips, Cecilia D.	.....do.....	1,000.00	
Warder, Nannie.	.....do.....	1,000.00	
Whitall, Mary L.	.....do.....	1,000.00	
Guasp, Ignacio.	Assistant property custodian, at \$900.	890.00	
Aldrich, Jessie M.	.....do.....	347.50	
Campbell, Bertha I.	Clerk, at \$900.	525.00	
Biyyell, Lou.	.....do.....	228.75	
Connell, Lydia.	.....do.....	262.50	
Farrell, Helen I.	.....do.....	397.50	
Brown, Harry F.	.....do.....	245.00	
Elliott, Esther S.	.....do.....	598.75	
Clement, B. Dorothy.	.....do.....	765.00	
Selecman, C. M. R.	.....do.....	135.00	
Dedge, Ruby M.	.....do.....	187.50	
Durham, C. J.	.....do.....	712.50	
Markey, Katherine T.	.....do.....	287.50	
Olive, Ruby G.	.....do.....	135.00	
Tucker, Ethel M.	.....do.....	247.50	
Nordeman, Hazel.	.....do.....	562.50	
Sommers, Goldine E. T.	.....do.....	300.00	
O'Leary, Katherine M.	.....do.....	900.00	
Potwin, Jessie.	.....do.....	712.50	
Samuels, Walter M.	.....do.....	187.50	
Powell, Mareta.	.....do.....	375.00	
Willis, Anna W.	.....do.....	512.50	
Rogers, Jas. H.	.....do.....	880.00	
Riggles, Thos.	Engineer, at \$1,200.	1,200.00	
Gantt, J. E. M.	Messenger, at \$840.	840.00	
Johnson, M. A.	.....do.....	840.00	
Chick, Thomas.	Skilled mechanic, at \$900.	900.00	
Cohen, J.	Skilled laborer, at \$720.	720.00	
Dugan, M. A.	.....do.....	720.00	
Brown, Horace.	Skilled laborer, at \$600.	600.00	
Brooks, Archie E.	.....do.....	110.00	
Kirksey, Wm.	Fireman, at \$600.	468.33	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
*"Salaries, Bureau of Chemistry, 1910, \$75,560"*—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Gerard, Missouri.....	Messenger or laborer, at \$600.....	\$600.00	.....
Lawson, W. H.....	do.....	600.00	.....
Sherfy, R. E.....	do.....	600.00	.....
Thomas, Garfield.....	do.....	600.00	.....
Brooks, M. A.....	Messenger or laborer, at \$480.....	480.00	.....
George, S. A.....	do.....	84.00	.....
Whalen, Annie E.....	do.....	392.00	.....
Ryon, Lillie.....	do.....	480.00	.....
Doolan, Elmer.....	do.....	175.00	.....
Glidden, D. W.....	Messenger or laborer, at \$420.....	106.17	.....
Jones, R. S.....	do.....	409.50	.....
Butler, Rosa.....	Charwoman, at \$240.....	240.00	.....
Orr, Sarah J.....	do.....	240.00	.....
Welch, Nellie.....	do.....	240.00	.....
Williams, Maggie.....	do.....	240.00	.....
Total.....		74,798.89	.....

Total amount of above appropriation..... \$75,560.00  
 Total amount paid for salaries..... 74,798.89

Unexpended balance..... 761.11

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation *"General expenses, Bureau of Chemistry, 1910 (laboratory), \$117,540."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Veitch, Fletcher P.....	Chief of laboratory, at \$2,500.....	\$2,500.00	\$239.25
Walker, Percy H.....	do.....	2,500.00	40.25
Moore, Chas. C.....	Chief of laboratory, at \$2,250.....	275.00	.....
LeClerc, J. Arthur.....	Assistant chief of laboratory, at \$2,500.....	2,500.00	208.08
Sawyer, Harris E.....	Fermentation chemist, at \$2,500.....	1,701.38	16.55
Berger, Henry W.....	Fermentation chemist, at \$1,800.....	300.00	24.85
Dawson, Edw. M., jr.....	Junior chemist, at \$1,200.....	1,200.00	.....
Smither, Fredk. W.....	Assistant chemist, at \$2,000.....	2,000.00	.....
Boughton, Everett W.....	Assistant chemist, at \$1,600.....	1,591.11	.....
McNeil, Hiram C.....	do.....	1,600.00	.....
Sammert, C. Frank.....	do.....	1,142.22	.....
Feldstein, Leonard.....	Assistant chemist, at \$1,200 and \$1,440.....	1,320.00	.....
Jacobs, Benj. R.....	Assistant chemist, at \$1,200 and \$1,400.....	1,358.33	108.45
McCarthy, Ellen S.....	Assistant chemist, at \$1,200.....	500.00	.....
Martin, Chas. W.....	do.....	13.33	32.00
Pope, Walter B.....	do.....	100.00	.....
Roark, Ruric C.....	Assistant chemist, at \$1,200 and \$1,440.....	1,320.00	.....
Rogers, Jerome S.....	Assistant chemist, at \$1,200.....	1,183.33	.....
Walters, E. H.....	Assistant chemist, at \$100 per month.....	570.00	.....
Whitman, Harold A.....	Assistant chemist, at \$1,200.....	1,200.00	.....
Bower, John H.....	Assistant chemist, at \$1,020 and \$1,200.....	1,155.67	.....
McDonnell, Curtis C.....	Scientific assistant, at \$1,800 and \$2,000.....	1,991.67	.....
Donk, Marion G.....	Scientific assistant, at \$1,600.....	1,600.00	.....
Leavitt, Sherman.....	do.....	266.66	.....
Schreiber, John H. A.....	Scientific assistant, at \$1,600 and \$1,800.....	1,700.00	.....
Straughn, Martin N.....	Scientific assistant, at \$1,600.....	1,600.00	890.49
Bailey, Lorin H.....	Scientific assistant, at \$1,400.....	1,400.00	.....
Church, Calvin G.....	Scientific assistant, at \$1,400 and assistant chemist, at \$1,600.....	1,550.00	661.00

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (laboratory), \$117,540"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Breazeale, James F.	Laboratory assistant, at \$1,800 and \$2,000.	\$1,958.33	\$106.45
Merrill, Jason L.	Laboratory assistant, at \$1,000 and \$1,200, and assistant chemist, at \$1,400.	866.67	
Speh, Carl F.	Laboratory assistant, at \$900 and \$1,200.	895.00	
Divine, John F.	Laboratory helper, at \$1,000.	250.00	
Schmidt, Geo. C.	Laboratory helper, at \$1,000, and assistant chemist, at \$1,200.	1,058.33	
Jenkins, Lawrence J.	Laboratory helper, at \$840 and \$960.	883.67	
Bastion, Geo. H., jr.	Laboratory helper, at \$720 and \$840.	780.00	
Morrison, W. L.	Laboratory helper, at \$720.	540.00	
Thatcher, Arthur S.	do.	720.00	
Ellison, William	Laboratory helper, at \$600 and \$720.	640.00	
Huff, Albert H.	Laboratory helper, at \$600.	136.67	
Passet, Bernhardt J.	Laboratory helper, at \$600 and \$720.	660.00	
Reinicke, Edgar R.	Laboratory helper, at \$600.	125.00	
Wente, Adam O.	Expert, at \$250 per month.	1,891.67	388.55
Schloer, Frank H.	Expert, at \$5 per diem.	135.00	
Hartman, Joseph V.	Collaborator, at \$25 per month.	22.50	
Draper, Annie E.	Clerk, at \$1,200 and \$1,400.	1,290.00	
Griffin, E. L. (Mrs.)	Clerk, at \$1,200.	450.00	
Newberry, F. M.	Electrical engineer, at \$4 per diem.	200.00	
Lynn, Thomas N.	Unskilled laborer, at \$1.50 per diem.	363.00	
Tilmon, A.	Unskilled laborer, at \$1 per diem.	15.00	
Total.		50,019.54	
<i>Out of Washington.</i>			
Alwood, Wm. B.	Bacteriological chemist, at \$2,000.	1,166.67	1,173.82
Sawyer, Harris E.	Fermentation chemist, at \$9 per diem.	36.00	
Hartman, B. C.	Fermentation chemist, at \$1,600.	1,600.00	145.97
Mathewson, Walter E.	Assistant chemist, at \$1,600 and \$1,800.	1,700.00	
Bender, William A.	Assistant chemist, at \$1,400.	933.34	284.86
Holman, H. P.	do.	1,400.00	
Darling, Joshua F.	Assistant chemist, at \$1,200.	1,200.00	
Hansen, Arthur W.	do.	333.33	80.70
O'Brien, Thomas.	Laboratory helper, at \$720.	420.00	
Eoff, John R.	Special agent, at \$100 per month, and assistant chemist, at \$1,440.	1,070.00	297.58
Alwood, Helen A.	Collaborator, at \$25 per month.	300.00	
Coles, Alonya.	Janitor collaborator, at \$20 per month.	109.33	
Total.		10,268.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
American Hard Rubber Co.	\$11.10	Hausler & Co.	\$82.50
American Lead Pencil Co.	22.03	Kalamazoo Loose Leaf Binder Co.	21.80
Andrews Paper Co., R. P.	13.45	Lamb & Tilden.	18.27
Ballantyne, R. Carter.	171.65	Library Bureau.	7.00
Banks & Co., F. S.	5.30	Lincoln, Fred S.	104.80
Baumgarten & Sons Co., J.	8.50	Lindemeyr, Philip	51.59
Carter's Ink Co., The.	23.00	Mathers-Lamm Paper Co.	.72
Clarke Co., R. P.	11.26	Miller Co., H. C.	18.06
Columbia Ribbon & Carbon Manufacturing Co.	21.50	Morrison Paper Co., E.	1.90
Contingent expenses, Department of Agriculture.	549.77	Rockwell, Charles F.	75.94
Dixon Crucible Co., Joseph.	51.04	Schmidt, Fred A.	1.25
Eagle Pencil Co.	2.35	Shaw-Walker Co.	25.90
Gaylord Bros.	2.15	Siebert, John F.	4.80
Hale Specialty Co.	.35	Stott & Co., Chas. G.	81.99
		Swayze, W. L.	44.27
		Technical Supply Co.	4.60



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (laboratory), \$117,540"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Tower, D. A.	\$140.16	Crupper, Joseph L.	\$6.00
Typewriter & Office Supply Co.	83.00	Cuyler & Mohler	4.07
Union Envelope Co.	31.60	Davis & Son, John A.	22.75
United States Envelope Co.	61.41	Day Co., J. H.	7.50
Valley Paper Co.	1,091.70	Driver-Harris Wire Co.	5.10
Yawman & Erbe Manufacturing Co.	8.42	Dulin & Martin Co.	101.64
Zinn & Co., Charles	8.60	Duparquet Huot & Moneuse Co.	9.00
Total	2,863.73	Du Perow, M.	20.00
<i>Miscellaneous supplies, etc.</i>		Fuse Co., D. & W.	10.69
Acme Glue Works.	.70	Ellett, Edwin E.	35.00
Adams & Co., E. J.	150.00	Elliott, John C.	96.35
Adams, Bagnall Electric Co.	56.80	Engel's Sons, C.	21.50
Alberene Stone Co.	406.00	Enterprise Manufacturing Co. of	
Allen, W. F.	18.00	Pennsylvania.	5.00
Allen, Mitchell & Co.	637.70	Espey, John B.	100.62
American Bonding Co. of Baltimore.	5.00	Estler & Son, T. W.	10.88
American Screen & Furniture Co.	120.75	Fairbanks Co.	64.15
American Steam Gauge & Valve Man-		Fireman, Peter.	2.50
ufacturing Co.	5.00	Fleming, John, estate of.	87.50
Anderson, Robt. L.	8.00	Fowl, Julius.	3.50
Anderson Co., V. D.	5.40	Galt & Co., W. M.	436.67
Armour & Co.	13.44	Garfinkle, M.	7.43
Art Metal Construction Co.	30.00	Garlock Packing Co.	15.20
Ashton Valve Co.	3.25	Gatchel & Manning.	45.00
Aumen Machinery & Supply Co.	16.27	General Electric Co.	73.27
Banks & Co., F. S.	6.36	General House Repairing Co.	80.15
Barber & Ross.	30.83	Gichner, Ernest.	63.50
Beavers, Jr., C. H.	61.25	Gilmore Furniture Co.	10.80
Becker & Co., Chas.	253.49	Goodman, A. B.	2.70
Bedell Manufacturing Co.	33.16	Goodrich Co., B. F.	1.12
Been, Geo. W.	408.90	Grabfelder & Co., S.	1.25
Berry Bros. (Ltd.).	1.20	Granulator Soap Co.	16.32
Berry & Whitmore Co.	21.00	Green, John S. P.	12.35
Blum Bros.	2.90	Greenberg, B.	2.75
Brecht Co.	10.00	Griscom-Spencer Co.	1.32
Brentano's.	1.05	Grove Lime & Coal Co.	.40
Brewer, N. Howard.	68.00	Guckert Bros.	20.00
Briscoe, W. D.	202.25	Gutta Percha & Rubber Manufactur-	
Bristol Co.	35.85	ing Co.	.56
Brown & Sharpe Manufacturing Co.	53.84	G. & W. Manufacturing Co.	21.24
Browne & Dowd Manufacturing Co.	2.00	Hagy Waste Works, J. Milton.	15.00
Buckley, John W.	9.70	Harrington & King Perforating Co.	7.00
Bullen & Co., Geo.	180.00	Harris Co., J.	12.85
Burton & Son, R. C. M.	9.50	Harrison, W. H.	363.30
Cahoon, Leon L.	26.50	Hartig, Louis.	18.66
Calman & Co., Emil.	2.40	Hendey Machine Co.	165.50
Capital Traction Co.	60.00	Heurich Brewing Co., Chr.	10.80
Carborundum Co.	3.44	Hoge & McDowell Co.	19.05
Carey Machinery & Supply Co.	15.18	Hulse, Edgar J.	1.75
Carey Co., Philip.	115.00	Hungerford Brass & Copper Co., U. T.	.69
Catlin, Elmer H.	70.00	Hunt, D. D.	12.00
Caverly, Robt. B. (Inc.).	10.56	Internal-Revenue Service.	9.00
Charlottesville Hardware Co.	8.35	Jenkins Bros.	48.30
Charlottesville Ice Co.	13.96	Johns Manville Co., H. W.	12.00
Charlottesville Lumber Co.	39.26	Jolley & Co., J. H.	33.95
Chesapeake Supply Co.	176.31	Joyce Engraving Co., Maurice.	21.21
Chipman Electric Co. (Inc.).	13.50	Keasbey & Mattoson.	13.65
Church, W. A. H.	.54	Kellogg Switchboard & Supply Co.	48.72
Collins, J. Ross.	28.02	Kemp Manufacturing Co., C. M.	46.23
Columbia Smelting & Refining		Kerry, Thomas.	93.30
Works.	3.58	Killian Co., Geo. P.	.64
Consolidated Sales Co.	19.02	King, W. L.	6.06
Constant, Peter J.	255.50	King Lumber Co.	20.50
Contingent expenses, Department of		Kleeblatt, A.	12.50
Agriculture.	2,081.49	Lambie Co., Jas. B. (Inc.).	268.63
Copeland Co., M. G.	31.90	Langille, James H.	1.89
Corby Bros.	.60	Lansburgh & Bro.	7.50
Corby Co.	33.96	Leishar, W. W.	5.00
Cordley & Hayes.	42.50	Library of Congress.	1.43
Cornwell & Son., G. G.	2.15	Lindsay Rubber Manufacturing Co.,	
Corrington & Peyton.	9.60	M.	3.50
Crane Co.	37.85	Longstreth, J. W.	10.00
Crescent Oil Co.	11.00	Lowinson, Chas.	15.00
		McCubbin Co., C. J.	85.72
		Malone, Geo. A.	.75
		Manhattan Electric Supply Co.	3.49

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (laboratory), \$117,540"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Mann & Co., P.	\$10.00	Van Schaack, Robt. H.	\$13.50
Manning, Maxwell & Moore.	11.25	Verein der Spiritus-Fabrikanten in Deutschland.	46.17
Maple Tree Producers' Association (Ltd.)	4.00	Vulcan Copper Works Co.	33.10
Marsh, J. E.	32.00	Wade, G. Taylor.	220.00
Mathy Co.	3.15	Washington, Alexandria & Mount Vernon Ry. Co.	5.00
May Hardware Co.	.35	Washington Rubber Co.	2.75
Merrick, Ernest M.	24.50	Werner & Pfleiderer.	31.50
Miller & Bro., Fred. B.	4.00	Westinghouse Electric & Manufacturing Co.	38.80
Miller, Clagett & Co.	9.76	Wickline, Frank.	47.00
Miller & Graham	34.75	Wilcox Co., W. W.	6.50
Mills, J. H.	127.25	Wilkerson, Wm. S., Jr.	59.45
Minnix & Co., N. M.	10.75	Williams & Wells Co.	3.99
Mitchell, F.	45.00	Woodward & Lothrop (Inc.)	183.69
Monarch Typewriter Co.	13.56	Zanesville Stoneware Co.	70.30
Munson Belting Co., Chas.	31.92		
Munson Supply Co.	23.40	Total	13,527.34
Murphy Co., E. J. (Inc.)	74.28		
Muth & Co., Geo. F.	7.36	<i>Furniture.</i>	
National Electric Supply Co.	106.86	Derby Desk Co.	270.73
National Mortar Co.	2.07	Gilmore Furniture Co.	10.75
Navy Department.	11.88	Gimbel, Ellis A.	14.40
Nawrath, J. P.	1.86	House & Hermann.	4.44
Neostyle Co.	31.50	Lansburgh Furniture & Carpet Co., J. Library Bureau.	30.22
Niles-Bement Pond Co.	50.00	Lincoln, Fred S.	183.65
Peerless Rubber Manufacturing Co.	19.20	Moses & Sons, W. B.	551.74
Philadelphia Coppersmithing Co.	67.75	Schmidt, O. H.	264.58
Pillsbury, H. P.	44.50	Moses & Sons, W. B.	249.81
Pittsburgh Plate Glass Co.	22.50	Shaw-Walker Co.	25.00
Rau, John C.	7.50	Woodward & Lothrop (Inc.)	44.60
Ready & Warner.	10.00	Yawman & Erbe Manufacturing Co.	278.92
Red "C" Oil Manufacturing Co.	2.60		
Reilly, Hugh.	52.45	Total	1,928.84
Remington Typewriter Co.	106.05		
Rhoads & Tillman.	1.40	<i>Freight.</i>	
Robbins & Myers Co.	112.40	Chesapeake & Ohio Ry.	3.11
Rogers, E. M.	33.00	Chicago & Northwestern R. R.	3.98
Rolls, P. H.	50.00	Knox Express Co., Geo. W.	62.50
Rose Cliff Fruit Farm (Inc.)	21.00	Littlefield, Alvord & Co.	88.50
Royal Typewriter Co.	58.50	Merchants' Transfer & Storage Co.	30.00
San-Knit-Ary Textile Mills.	34.20	Pennsylvania R. R. Co.	.68
Shea, N. H.	42.75	Star Union Line.	4.57
Shedd Electric Co.	3.50	Valentine, R. L.	15.00
Rudolph & West Co.	134.27		
Mueller Manufacturing Co., H.	81.63	Total	208.34
Sibley & Pitman.	14.40		
Simplex Electric Heating Co.	67.43	<i>Express.</i>	
Sloane, W. & J.	164.95	Adams Express Co.	80.79
Smith, Edmund S.	30.00	United States Express Co.	67.00
Smith & Son, Hiram F.	13.15		
Smith & Bros. Typewriter Co., L. C.	1.13	Total	147.79
Smith, Thos. W.	2.25		
Smith Premier Typewriter Co.	13.30	<i>Telephone.</i>	
Somerville Co., Thos.	161.88	Chesapeake & Potomac Telephone Co.	121.08
Spink, Benj. F.	1.25		
Squier Manufacturing Co., Geo. L.	5.00	<i>Rent.</i>	
Standard Engineering Co.	1,054.80	Abbott, Wm. H.	120.00
Standard Oil Co.	69.94	Costello, Alfred.	175.00
Starr Co., B. F.	59.23	Johnson, R. Harrison.	1,472.60
Stehling & Co., Chas. H.	9.00	Ludlow, W. W.	72.80
Strater & Sons, Herman.	27.00	Montgomery, Juliet A.	120.00
Syndicate Trading Co.	.83	O'Shea, James A.	23.20
Teagle, Edw.	4.83	Pilling, John W.	150.00
Thompson, C. W.	334.26	Shea, Nicholas H.	8,000.00
Thompson Pharmacy, W. S.	.50	Shea, Nicholas H. & James W.	660.00
Tin Shop Co.	30.10	Washington Loan & Trust Co.	300.00
Topham, James S.	10.00		
Towels, A. R.	18.00	Total	11,093.60
Trussed Concrete Steel Co.	21.50		
Tupper & Co., W. W.	28.00		
Ulery Co., W. J.	.86		
Underwood Typewriter Co.	179.38		
Union Screen Plate Co.	9.80		
United States Frame & Picture Co.	2.85		
United States Mint.	20.65		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (laboratory), \$117,540"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Gas and electricity.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Potomac Electric Power Co.....	\$1,039.68	Scientific Materials Co.....	\$22.25
Washington Gas Light Co.....	1,068.21	Shoemaker & Busch.....	55.71
Total.....	2,107.89	Squibbs & Son, E. R.....	5.04
<i>Apparatus, instruments, and laboratory material.</i>		Standard Distilling & Distributing Co.....	132.24
American Distilling Co.....	92.87	Sussman Photo Stock Co.....	6.30
American Gas Furnace Co.....	33.50	Tagliabue Manufacturing Co., Chas. J.....	5.50
American Steam Pump Co.....	13.45	Tagliabue, G., estate of.....	28.50
Baker & Co.....	640.40	Thomas Co., A. H.....	964.70
Bausch & Lomb Optical Co.....	1,549.12	Torsion Balance Co.....	35.00
Becker, Christian.....	140.50	Whitall, Tatum Co.....	56.64
Budde & Westermann.....	3.65	Total.....	6,873.17
Columbia Photo Supply Co.....	4.00	<i>Travel and station and field expenses.</i>	
Douglas, W. R.....	10.00	Alwood, W. B.....	141.81
Elmer & Amend.....	313.25	Augusterfer, R.....	15.30
Engelhard, Charles.....	38.05	Berger, Henry W.....	24.85
Flemer, Lewis.....	443.59	Bigelow, W. D.....	120.89
Friez, Julien P.....	9.20	Brazeale, James F.....	106.45
Gilman, Z. D.....	500.34	Bryan, A. Hugh.....	149.09
Green, Henry J.....	6.50	Church, C. G.....	661.00
Greiner Co., Emil.....	215.20	Corwin, W. C.....	32.25
Kny-Scheerer Co.....	63.14	Eoff, John R.....	23.27
Leadbeater & Sons, E. S.....	1.75	Gore, H. C.....	8.91
McKee Surgical Instrument Co.....	4.70	Haywood, J. K.....	32.59
Machlett & Sons.....	10.80	Jones, Lewis.....	73.89
Mackall Bros.....	1,180.53	Le Clerc, J. A.....	131.30
Mallinkrodt Chemical Works.....	18.80	Lee, R. E.....	92.51
Merck & Co.....	.51	Sawyer, Harris E.....	16.55
Muth Bros. & Co.....	32.64	Sherwood, Sidney F.....	68.85
National Ammonia Co.....	46.00	Stephenson, Chas. H.....	77.56
Perkins & Son (Inc.), B. F.....	.75	Straughn, M. M.....	849.89
Queen & Co. (Inc.).....	8.00	Veitch, F. P.....	115.93
Sargent & Co., E. H.....	81.00	Walker, Percy H.....	40.25
Schering & Glaty.....	3.20	Walls, E. P.....	461.13
Schmidt, Fred A.....	85.60	Wente, A. O.....	388.55
Schneider Bros.....	10.25	Total.....	3,632.82

Total amount of appropriation.....\$117,540.00  
 Total expenditures under above groups.....102,792.81

Unexpended balance on Aug. 31, 1910.....14,747.19  
 Repayments to credit of appropriation.....3.00

Net unexpended balance.....14,750.19  
 Outstanding liabilities (estimated).....2,362.55

Balance to be turned back in Treasury (estimated).....12,387.64



## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act) \$737,460 (including \$50,000 in deficiency act of February 25, 1910)." Of above amount \$75,000 was allotted for expenses of referee board, making net amount to be accounted for under this caption \$662,460.*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bigelow, W. D.	Assistant chief of bureau, at \$3,500.	\$3,500.00	\$854.93
Dunlap, F. L.	Associate chemist, at \$83,500.	3,500.00	315.44
Kebler, L. F.	Laboratory chief, at \$3,000.	3,000.00	988.10
Tolman, L. M.	do.	3,000.00	267.32
Haywood, J. K.	Laboratory chief, at \$2,750.	2,750.00	197.06
Patrick, G. E.	Laboratory chief, at \$2,500.	2,456.11	321.06
Fuller, F. D.	Laboratory chief, at \$2,250.	106.25	2.75
Howard, B. J.	Laboratory chief, at \$2,000 and \$2,250.	2,187.50	220.47
Bailey, H. S.	Laboratory chief, at \$1,600.	1,600.00	
Chace, E. M.	Assistant laboratory chief, at \$2,500.	2,500.00	177.76
Symonds, W. B.	Laboratory assistant at \$1,000 and \$1,200.	1,100.00	
Weber, F. C.	Physiological chemist, at \$2,250.	2,250.00	146.63
Cook, Frank C.	Physiological chemist, at \$1,800.	1,800.00	
Skinner, Wm. W.	Food inspector chemist, at \$2,000 and \$2,250.	2,239.58	143.38
Barber, Kate G.	Microanalyst, at \$1,500 and \$1,680.	1,590.00	126.88
Read, Effie A.	Microanalyst, at \$1,200 and \$1,440.	1,310.00	130.44
Stiles, Geo. W., jr.	Bacteriological chemist, at \$2,000.	2,000.00	722.81
Kinyoun, J. J.	Expert bacteriologist.	100.00	
Jenkins, Minnie.	Assistant bacteriologist, at \$1,200.	980.00	67.05
Salant, Wm.	Pharmacologist, at \$2,500.	2,500.00	172.12
Phelps, I. K.	Chemical pharmacologist, at \$1,800, and assistant organic chemist, at \$1,800.	685.00	
Doyle, Aida M.	Chemical aid, at \$1,600, and assistant chemist, at \$1,800.	1,700.00	134.37
Morgan, Will J.	Chemist aid, at \$1,000, and assistant chemist, at \$1,400.	1,258.88	36.65
Riley, J. Garfield.	do.	1,258.88	238.94
Bacon, Raymond F.	Assistant chemist, at \$2,600.	195.00	
Trescott, T. C.	Assistant chemist, at \$2,500.	2,500.00	
Bryan, A. Hugh.	Assistant chemist, at \$2,000, and chief of sugar laboratory, at \$2,250.	2,187.50	366.52
Chesnut, V. K.	Assistant chemist, at \$2,000.	1,997.22	
Emery, Wm. O.	do.	2,000.00	179.97
Kimberly, Chas. H.	do.	500.00	274.45
Hudson, Claude S.	Assistant chemist, at \$1,800.	1,650.00	18.29
Parker, Chas. E.	do.	1,800.00	
Forst, Leo B.	Assistant chemist, at \$1,600.	133.33	9.50
Fuller, Henry C.	do.	1,600.00	304.19
Liepsner, Frank W.	do.	1,600.00	45.75
Murray, A. G.	do.	933.34	
Nelson, E. K.	do.	1,600.00	
Taber, Walter C.	do.	1,600.00	
Collins, Wm. D.	Assistant chemist, at \$1,500.	1,500.00	
Fox, Paul J.	Assistant chemist, at \$1,500 and \$1,800.	1,782.50	
Lynch, Wm. D.	Assistant chemist, at \$1,500.	1,500.00	
Sale, J. Walter.	do.	712.50	
Bldwell, Geo. L.	Assistant chemist, at \$1,400 and \$1,620.	1,510.00	25.30
Dodge, Cleon O.	do.	1,510.00	287.67
Goodrich, Chas. E.	Assistant chemist, at \$1,400.	1,400.00	
Merrill, Edw. C.	Assistant chemist, at \$1,400 and \$1,620.	1,510.00	
Albright, Alan R.	Assistant chemist, at \$1,200.	593.33	
Boyles, Frank M.	Assistant chemist, at \$1,200 and \$1,440.	1,320.00	
Broomel, Arthur W.	do.	1,320.00	
Davison, Alice L.	Assistant chemist, at \$1,200.	1,196.67	
Eaton, Elgar O.	Assistant chemist, at \$1,200 and \$1,400.	756.67	
Herstein, Bernard.	Assistant chemist, at \$1,200, \$1,400, and \$1,620.	1,132.16	15.25
Johnson, Bert D.	Assistant chemist, at \$1,200.	1,096.67	
Kent, Robt. C.	do.	1,200.00	
Knight, Geo. W.	Assistant chemist, at \$1,200 and \$1,440.	960.00	
Le Febvre, C. C.	Assistant chemist, at \$1,200.	603.34	30.12
Mears, Leverett B.	Assistant chemist, at \$100 per month.	403.33	
Paine, Howard S.	Assistant chemist, at \$1,200 and \$1,440.	1,320.00	
Palmore, Julian I.	Assistant chemist, at \$1,200.	1,200.00	
Pope, Walter B.	do.	266.67	
Reed, Edw. O.	Assistant chemist, at \$1,200 and \$1,440.	1,320.00	
Reed, John B.	Assistant chemist, at \$1,200.	1,200.00	
Rupp, Philip.	Assistant chemist, at \$1,200 and \$1,600.	856.67	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Shively, Rex.....	Assistant chemist, at \$1,200 and \$1,440.....	\$1,320.00	\$53.25
Spencer, Geo. Carl.....	do.....	1,320.00	.....
Walter, Henry L.....	Assistant chemist, at \$1,200.....	936.67	.....
Campbell, W. G.....	Chief inspector, at \$2,500.....	2,500.00	1,099.46
Stengel, Arthur.....	Food and drug inspector, at \$2,000.....	2,000.00	743.02
Barker, Howard W.....	Food and drug inspector, at \$1,800, and clerk, at \$1,400.....	951.66	14.70
Sullivan, Arthur L.....	Food and drug inspection chemist, at \$1,800.....	1,800.00	133.40
Earnshaw, John F.....	Food and drug inspector, at \$1,600 and \$1,800.....	1,166.67	548.84
Hoover, Geo. W.....	Scientific assistant, at \$1,800.....	1,785.00	2.85
Boyle, Martin.....	Scientific assistant, at \$1,600, and assistant chemist, at \$1,800.....	1,700.00	52.65
Dyer, Don C.....	Scientific assistant, at \$1,600.....	1,600.00	.....
Given, Arthur.....	do.....	1,600.00	73.75
Goodnow, Edw. H.....	do.....	1,600.00	282.73
Dunbar, Paul B.....	Scientific assistant, at \$1,400, and assistant chemist, at \$1,620.....	1,510.00	160.45
Keister, John T.....	do.....	1,510.00	13.05
Morgan, Francis P.....	Scientific assistant, at \$1,400.....	1,400.00	215.90
Doyle, Conrad B.....	Scientific assistant, at \$1,200 and \$1,440.....	1,320.00	.....
Hillyer, Wm. E.....	Scientific assistant, at \$1,200.....	1,200.00	76.85
Houghton, Harry W.....	Scientific assistant, at \$1,200, and assistant chemist, at \$1,400.....	1,391.67	19.65
Lee, Ralph E.....	Scientific assistant, at \$1,200, and assistant chemist, at \$1,440.....	1,320.00	92.51
Le Fevre, Edwin.....	Scientific assistant, at \$1,200.....	1,200.00	.....
Rieger, John B.....	Scientific assistant, at \$1,200 and \$1,400.....	1,325.00	.....
Wilson, Clarence P.....	Scientific assistant, at \$1,200 and \$1,440.....	1,320.00	.....
Young, William J.....	do.....	956.67	.....
Bates, Carleton.....	Scientific assistant, at \$1,000, and assistant bacteriologist, at \$1,200.....	1,157.77	207.30
Stephenson, C. H.....	Scientific assistant, at \$1,000.....	1,000.00	143.06
Burnett, Lyle B.....	Laboratory helper, at \$1,000.....	1,000.00	.....
Divine, John P.....	do.....	750.00	.....
Sherwood, S. F.....	do.....	1,000.00	68.85
Strong, Jacob.....	Laboratory helper, at \$900 and \$1,020.....	960.00	.....
Forbes, Dan'l R.....	Laboratory helper, at \$840 and \$960, and clerk, at \$1,020.....	901.84	.....
Gallant, C. O. S.....	Laboratory helper, at \$840 and \$960.....	900.00	62.50
Gersdorff, C. E. F.....	do.....	900.00	.....
Hartigan, Will H.....	Laboratory helper, at \$840.....	70.00	323.83
Hume, Thaddeus S.....	Laboratory helper, at \$840 and \$960.....	900.00	.....
Moore, Chas. S.....	Laboratory helper, at \$840.....	840.00	.....
Walton, Geo. P.....	do.....	840.00	.....
Carter, Wm. R.....	Laboratory helper, at \$780.....	780.00	.....
Morton, James K.....	Laboratory helper, at \$720 and \$780.....	750.00	.....
Strother, Herbert.....	Laboratory helper, at \$720.....	716.00	.....
Williams, John W.....	do.....	720.00	.....
Porter, C. F. T.....	Laboratory helper, at \$660.....	660.00	.....
Brodie, Annie.....	Laboratory helper, at \$600.....	600.00	.....
Brown, Victor E.....	do.....	585.00	.....
Childress, Wm. H.....	do.....	228.33	.....
Cleaver, Jay H.....	do.....	600.00	.....
Conley, Frank.....	do.....	558.33	.....
Crone, Chas. T.....	do.....	500.00	.....
Hill, Walter O.....	do.....	128.33	.....
Luckings, Harry C.....	do.....	341.67	.....
Meirovits, Isidore.....	do.....	186.67	.....
Mitchell, Lloyd C.....	do.....	388.33	.....
Pitts, Jesse A.....	Laboratory helper, at \$600 and \$720.....	393.33	68.16
Vaneman, George H.....	Laboratory helper, at \$600.....	398.33	.....
Wilcox, Edward L.....	do.....	200.00	68.20
Young, F. D.....	do.....	50.00	99.95
Fireman, Peter.....	Expert, at \$9 per diem.....	45.00	.....
Loomis, N. E.....	Expert, at \$100 per month.....	300.00	.....
Daggett, Alexander S.....	Agent, at \$3 per diem.....	364.45	26.50
Taylor, Mary W.....	Scientific library assistant, at \$1,600.....	1,600.00	.....
Duvall, Louise.....	Library clerk, at \$1,200 and \$1,400.....	1,300.00	.....
Stickney, Emily G.....	Scientific assistant in library science, at \$1,000.....	183.34	.....

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Pulizzi, Talbot O.	Clerk, at \$1,400.	\$1,400.00	
Savage, Grace O.	Editorial clerk, at \$1,200.	523.33	
Lynch, Wm. F.	Clerk, at \$900, and clerk, stenographer, and typewriter, at \$1,020.	862.50	
Nordeman, Hazel	Clerk, at \$900.	112.50	
Samuels, Walter M.	do.	37.50	
Selecman, C. M. R.	Clerk, at \$840.	84.00	
Ricketts, Hoyte	Clerk, stenographer, and typewriter, at \$1,000.	125.01	
Perrone, Pascal	Clerk, stenographer, and typewriter, at \$900.	445.00	
Campbell, Bertha I.	Clerk, stenographer, and typewriter, at \$720.	168.00	
Olive, Ruby G.	do.	192.00	
Powell, Marena R.	do.	288.00	
Carr, Josiah L.	Stenographer and typewriter, at \$1,200.	676.67	
Fitts, Harrison F.	do.	1,200.00	
Demaree, Harry J.	Stenographer and typewriter, at \$900 and \$1,020.	830.00	
Farrell, Helen I.	Stenographer and typewriter, at \$900.	45.00	
Fox, Levantice E.	Stenographer and typewriter, at \$75 per month.	242.50	
Kingston, Grace N.	do.	122.50	
Markey, Katharine T.	Stenographer and typewriter, at \$900.	110.00	
Rowzee, Blanche E.	Stenographer and typewriter, at \$75 per month.	122.50	
Dudge, Ruby M.	Stenographer and typewriter, at \$720.	240.00	
Augusterfer, Raymond.	Assistant steam engineer, at \$1,200.	796.67	
Been, Geo. W.	Carpenter, at \$3.50 per diem.	192.50	
Gloss, Harry D.	do.	203.00	
Lane, Francis S.	do.	22.75	
Thies, Herman H. W.	do.	164.50	
Gartland, M. J.	Cabinetmaker, at \$3.50 per diem.	1,048.25	
Allen, Frank M.	Toolmaker, at \$1,000 and \$1,200.	1,100.00	
Coffman, Frank A.	Plumber, at \$900.	675.00	
Barrett, Michael A.	Fireman, at \$720.	382.00	
Hopkin, Jacob.	do.	30.00	
Johnson, Robert.	do.	104.00	
Massie, Henry	Fireman, at \$60 per month.	150.00	
Lackey, Wm. C.	Elevator conductor, at \$720.	616.00	
Hall, John E.	Unskilled laborer, at \$1.50 per diem and \$45 per month.	496.50	
Jenkins, James.	do.	500.25	
Johnson, James T.	Unskilled laborer, at \$1.50 per diem.	36.00	
Morton, Charles L.	do.	54.00	
Scott, John D.	do.	442.50	
Sescoe, William H.	do.	48.00	
Simms, James.	do.	402.00	
Simms, James N.	do.	447.00	
Sneed, John F.	do.	36.00	
Glidden, David W.	Messenger boy, at \$420.	101.50	
Doolan, Elmer.	Messenger boy, at \$360.	190.00	
Hainsworth, R. G.	do.	277.00	
Myers, Dorsey G.	Messenger boy, at \$30 per month, and junior laboratory helper, at \$30 per month.	343.50	
Oakley, James F.	Messenger boy, at \$360.	20.00	
Wood, Earle C.	Messenger boy, at \$30 per month, and junior laboratory helper, at \$35 per month.	380.00	
Coleman, Mary E. (Mrs.)	Charwoman, at \$240.	102.67	
Graves, Bertha.	do.	102.67	
Total.		169,700.43	
<i>Out of Washington.</i>			
Leach, Albert E.	Chief of laboratory, at \$3,000.	2,758.33	\$117.60
Winton, A. L.	do.	3,000.00	918.06
Mitchell, Andrew S.	Chief of laboratory, at \$2,750.	2,750.00	403.26
Pennington, Mary E.	Chief of laboratory, at \$2,500.	2,500.00	1,504.06
Smith, Bernard H.	do.	2,500.00	450.70
Brinton, Clement S.	Chief of laboratory, at \$2,000.	2,000.00	133.61
Harrison, C. W.	do.	1,294.44	17.24
Mory, A. V. H.	Acting chief of laboratory, at \$1,800 and \$2,000.	1,900.00	171.04
Doolittle, R. E.	Food inspection chemist, at \$3,000.	3,000.00	1,177.76
Gould, Ralph A.	Food inspection chemist, at \$2,500.	2,500.00	278.06
Ogden, Alfred W.	Food inspection chemist, at \$2,250.	2,250.00	



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Seeker, Albert F.....	Food inspection chemist, at \$2,250.....	\$2,250.00	\$34.45
Loomis, H. M.....	Food and drug inspection chemist, at \$2,000.....	2,000.00	209.01
Clark, Edmund.....	Food and drug inspection chemist, at \$1,800.....	1,800.00	3.70
Ross, Samuel H.....	do.....	1,800.00	607.74
Schulz, Henry L.....	do.....	1,800.00	95.80
Seil, Harvey A.....	do.....	1,800.00	122.40
Sy, A. P.....	Food and drug inspection chemist, at \$1,800 and \$7 per diem.	667.00	9.84
Duncan, R. A.....	Food and drug inspection chemist, at \$1,500.....	1,375.00	27.79
Bartlett, George M.....	Food and drug inspection chemist, at \$1,400 and \$1,620.	1,510.00	125.70
Barnard, H. E.....	Food and drug inspection chemist, at \$9 per diem.	196.71	7.06
La Wall, Chas. H.....	do.....	548.98	
Ruddiman, Edsel A.....	do.....	495.00	
Havenhill, L. D.....	Food and drug inspection chemist, at \$8 per diem.	32.00	
Johnson, Charles W.....	do.....	379.41	
De Barr, Edwin.....	Expert chemist and inspector at \$8 per diem.	24.00	
Hilts, Roy W.....	Chemist, at \$1,800.....	1,800.00	306.10
Frost, H. V.....	Chemist, at \$1,600.....	297.78	
Allen, W. M.....	Collaborating chemist, at \$8 per diem.	48.00	
Bailey, E. H. S.....	do.....	53.71	
Bradbury, C. M.....	do.....	92.00	
Colby, George E.....	do.....	280.00	
Cook, Alfred N.....	do.....	248.00	
Harms, Herman.....	do.....	296.00	
Knight, Henry G.....	do.....	160.00	
McPherson, Wm.....	do.....	150.85	
Street, John P.....	do.....	65.12	
Tilson, P. S.....	do.....	292.00	
Trowbridge, Perry F.....	do.....	20.00	
Alwood, Wm. B.....	Bacteriological chemist, at \$2,000.....	853.33	
Avery, C. S.....	Bacteriological chemist, at \$1,200.....	306.67	279.92
Witmer, Evelyn.....	Chemical bacteriologist, at \$1,200 and \$1,440.....	1,320.00	1,009.58
Rusby, H. H.....	Pharmacognocist, at \$9 per diem.....	1,029.79	114.85
Schneider, A. I.....	do.....	1,029.50	
St. John, E. Q.....	Microanalyst, at \$5 per diem.....	1,383.53	206.38
Bitting, K. G.....	Microanalyst, at \$1,000.....	1,000.00	
Kimberly, Charles H.....	Assistant chemist, at \$7 per diem.....	614.00	
Hiltner, R. S.....	Assistant chemist, at \$2,000.....	2,000.00	10.10
Paul, Arthur E.....	do.....	1,333.34	
Balcom, R. Wilfred.....	Assistant chemist, at \$1,800.....	1,800.00	226.49
Bisbee, D. B.....	do.....	1,800.00	113.36
Hart, Benj. R.....	do.....	1,800.00	243.33
Knisely, A. L.....	Assistant chemist, at \$1,800 and \$2,000.....	1,900.00	119.93
Taylor, Alfred E.....	Assistant chemist, at \$1,800.....	1,785.00	98.95
Forst, L. B.....	Assistant chemist, at \$1,600.....	266.67	
Hansen, Arthur W.....	do.....	1,155.56	
Lewis, Winford L.....	do.....	377.77	
Pappe, Theo. F.....	do.....	1,564.44	279.52
Shanley, E. J.....	do.....	1,600.00	30.65
Berry, Erwin H.....	Assistant chemist, at \$1,500.....	958.33	
Bender, Wm. A.....	Assistant chemist, at \$1,400.....	466.66	
Flanders, F. F.....	Assistant chemist, at \$1,400 and \$1,620.....	1,510.00	
Hepburn, Jos. S.....	do.....	1,510.00	
Heyl, Fred'k W.....	Assistant chemist, at \$1,400.....	101.11	
Holland, H. J.....	Assistant chemist, at \$1,400 and \$1,620.....	1,510.00	
Lyman, E. R.....	do.....	1,510.00	55.75
Merrill, F. D.....	Assistant chemist, at \$1,400.....	1,400.00	115.25
Monrad, Karl J.....	do.....	268.33	
Woodruff, Frank O.....	Assistant chemist, at \$1,400 and \$1,620.....	1,510.00	63.10
Chandler, Louis C.....	Assistant chemist, at \$1,200.....	1,200.00	3.10
Conover, Courtney.....	Assistant chemist, at \$1,200 and \$1,440.....	1,320.00	
Eoff, John R., Jr.....	Assistant chemist, at \$1,200.....	250.00	
Grab, Eugene G.....	do.....	730.00	
Haynes, Herman W.....	do.....	1,200.00	137.99
Hendrickson, N.....	Assistant chemist, at \$1,200 and \$1,440.....	1,320.00	
Hull, Emerson C.....	Assistant chemist, at \$1,200.....	1,200.00	
Karnan, W. W.....	do.....	1,200.00	
Lott, Charles I.....	Assistant chemist, at \$1,200 and \$1,440.....	1,320.00	75.52
Lourie, Harry L.....	Assistant chemist, at \$1,200.....	886.67	29.25

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McGee, W. J.	Assistant chemist, at \$1,200 and \$1,440.	\$1,320.00	\$768.67
Martin, Charles W.	Assistant chemist, at \$1,200	63.33	
Smith, Claude R.	do.	1,190.00	49.50
Smith, Fred G.	Assistant chemist, at \$1,200 and \$1,440.	1,320.00	
Stafford, Morton O.	do.	1,316.67	364.04
Trenthardt, E. L. P.	Assistant chemist, at \$1,200	273.33	
Weatherhead, D. L.	do.	743.33	
Wessling, H. L.	Assistant chemist, at \$1,200 and \$1,440.	1,313.33	311.65
Wichmann, Hugo J.	do.	1,320.00	78.00
Wilcox, Burton B.	do.	1,320.00	81.54
Wright, Burnett B.	Assistant chemist, at \$1,200	906.67	
Jablonski, Chas. F.	Assistant chemist, at \$1,000	666.67	
Luther, Jno. B.	Assistant chemist, at \$1,000 and \$1,200.	1,141.67	
Woodman, A. G.	Scientific assistant, at \$8 per diem.	1,000.00	
Dubois, W. L.	Scientific assistant, at \$2,000.	2,000.00	185.17
Albrech, M. C.	Scientific assistant, at \$1,600 and \$1,800.	1,700.00	251.97
McClelland, Byron.	Scientific assistant, at \$1,200.	1,200.00	49.25
Burnet, Wallace C.	Laboratory assistant, at \$1,800.	1,800.00	108.03
White, Bertram R.	Chemical clerk, at \$1,200 and \$1,440.	1,320.00	
Sadd, Lawrence E.	Laboratory helper, at \$1,000.	1,000.00	
Farello, Chas. E.	Laboratory helper, at \$900.	900.00	
McClain, George W.	do.	900.00	
Tasker, Wm.	Laboratory helper, at \$840.	840.00	
Wachter, Louis E.	do.	840.00	
Augst, Robt. S.	Laboratory helper, at \$720.	720.00	
Bourgeois, E.	Laboratory helper, at \$720 and \$840.	780.00	
Gay, Francis.	Laboratory helper, at \$720.	720.00	
O'Brien, Thomas.	do.	300.00	
Paine, Wm. W.	Laboratory helper, at \$720, and food and drug inspector, at \$1,200.	1,160.00	1,424.72
Pitts, Jesse A.	Laboratory helper, at \$720.	240.00	
Wilkinson, Sydney.	do.	720.00	92.88
Wise, F. H.	do.	720.00	
Green, Thomas P.	Laboratory helper, at \$600.	660.00	
Applegate, S. W.	Laboratory helper, at \$600.	75.00	
Bortman, I. M.	do.	600.00	
Cavender, Edgar J.	do.	136.67	
Day, Ralph C.	Laboratory helper, at \$50 per month.	51.66	
Diamond, E. F.	Laboratory helper, at \$600.	150.00	
Epstein, Hyman M.	do.	200.00	
Erwin, Sidney B.	do.	410.00	
Fenton, E. Harry.	do.	415.00	
Hamm, Edgar.	Laboratory helper, at \$50 per month.	98.33	
Huber, Henry J.	Laboratory helper, at \$600 and \$720.	660.00	
MacDonell, Archie M.	Laboratory helper, at \$600.	50.00	
Mallgraw, Harry F.	do.	188.33	
Martin, Ernest A.	Laboratory helper, at \$600 and \$720.	660.00	
Martin, Jacob.	Laboratory helper, at \$600.	133.33	
Merchant, Jesse.	do.	388.33	15.75
Morrison, W. L.	Laboratory helper, at \$600 and \$720.	155.00	
Nealy, Walter A.	Laboratory helper, at \$600.	433.33	
O'Sullivan, B. B.	Laboratory helper, at \$50 per month.	98.67	
Robinson, R. H.	Laboratory helper, at \$600 and \$720.	460.00	
Scherer, Philip H.	Laboratory helper, at \$600.	353.33	
Scott, Wm. H.	Laboratory helper, at \$600 and \$720.	660.00	
Spencer, Herbert U.	do.	660.00	
Wallin, John, Jr.	Laboratory helper, at \$600.	156.67	
Wilcox, Edward L.	do.	346.67	
Young, Floyd D.	Laboratory helper, at \$600 and \$720.	342.00	
Greenlee, Arden D.	Laboratory helper, at \$2.30 per diem, and assistant chemist, at \$1,200.	1,183.00	121.38
Duff, James C.	Food and drug inspector, at \$2,250.	2,250.00	753.63
Brown, A.	Food and drug inspector, at \$2,000.	2,000.00	612.11
Garber, John H.	do.	1,194.44	613.35
Barker, Howard W.	Food and drug inspector, at \$1,800.	600.00	
Bitting, A. W.	do.	1,800.00	494.41
Kitchen, H. C.	do.	1,800.00	1,445.29
McDonald, E. A.	do.	1,800.00	1,008.74
Meserve, Chas. A.	do.	1,800.00	967.56
Adams, Geo. H.	Food and drug inspector, at \$1,600 and \$1,800.	1,700.00	419.98

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460<sup>3</sup>—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Earnshaw, John F.	Food and drug inspector, at \$1,600.	\$533.33	
Evans, Henry B.	do.	1,600.00	\$1,101.73
Holton, C. E.	do.	1,600.00	796.28
Jenkins, Wm. H.	Food and drug inspector, at \$1,600 and \$1,800.	1,643.89	813.16
Judge, A. I.	Food and drug inspector, at \$1,600.	1,373.33	766.48
Marks, Louis.	do.	1,600.00	2,030.25
Miller, Walter C.	do.	1,600.00	485.48
Moore, H. C.	do.	1,595.55	1,089.76
Smith, Clark T.	do.	1,600.00	923.52
Sudler, Oden R.	Food and drug inspector, at \$1,600 and \$1,800.	1,700.00	1,213.94
Wagner, Harvey H.	do.	1,643.89	1,337.93
Walsh, Daniel M.	do.	1,700.00	1,872.67
Wharton, W. R. M.	Food and drug inspector, at \$1,600.	1,600.00	1,352.94
Winslow, B. C.	Food and drug inspector, at \$1,600 and \$1,800.	1,700.00	1,484.68
Wollard, Frank L.	do.	1,699.99	1,165.73
Young, Robert.	do.	1,700.00	1,342.60
Earnshaw, Jackson E.	Food and drug inspector, at \$1,400 and \$1,600.	1,443.89	986.68
Ford, William T.	do.	1,443.88	717.02
Gallagher, John S. G.	Food and drug inspector, at \$1,400.	1,400.00	1,848.63
Garner, James R.	do.	692.23	396.33
Gray, Fred H.	do.	229.45	164.50
Lynch, J. L.	Food and drug inspector, at \$1,400 and \$1,600.	1,443.88	1,088.38
McIntyre, A. J.	Food and drug inspector, at \$1,400.	27.22	
Morton, Grant J.	do.	571.67	649.06
Postle, Stuart A.	do.	291.67	
Raynor, F. B.	do.	1,244.43	502.93
Rex, M. A.	do.	1,400.00	2,678.33
Bastable, E. J.	Food and drug inspector, at \$1,200.	90.00	54.71
Callahan, Wm. H.	do.	890.00	888.79
Clowes, Ernest S.	do.	156.67	60.74
Hartigan, Wm. H.	do.	400.00	
Lind, Herman.	Food and drug inspector, at \$1,200 and \$1,400.	1,300.00	506.29
Norwood, Henry E.	Food and drug inspector, at \$1,200.	1,200.00	676.90
McManus, John J.	do.	1,200.00	1,475.59
Harris, Wm. B.	Expert, at \$9 per diem.	415.27	18.00
Hesse, Bernhard C.	Expert, at \$250 per month.	3,000.00	15.72
Pierce, H. C.	Expert, at \$1,800, and special agent, at \$1,800.	820.00	1,019.41
Graves, William G.	Expert, at \$125 per month.	750.00	443.43
Schunck, Gottfried.	do.	466.67	
Dewey, Ralph.	Expert, at \$100 per month.	550.00	507.22
Greene, C. W.	Expert, at \$100 per month and \$5 per diem.	330.00	85.31
Laird, J. S.	Expert, at \$100 per month.	200.00	
Bartlett, James M.	Special agent, at \$8 per diem.	1,152.00	
Koch, A. E.	Special agent, at \$125 per month.	250.00	
Walls, E. P.	Special agent, at \$60 per month.	170.00	461.13
Betts, Helen M. P.	Artist, at \$9 per diem.	543.15	
Read, M. T.	Clerk, at \$1,400.	1,400.00	
Colling, Bessie M.	Clerk, at \$1,200.	1,200.00	
Keegan, Gertrude M.	Clerk, at \$900.	147.50	
Bennett, Goldine E. T.	do.	600.00	
Bennett, Bertha M.	Clerk, at \$720.	102.00	
Amack, Fred W.	Collaborating clerk, at \$25 per month.	94.17	
Rogers, Rosetta M.	Collaborating clerk, at \$20 per month.	240.00	
Kozicke, Bernard A.	Clerk, stenographer and typewriter, at \$1,000.	1,000.00	
Lynch, Joseph T.	do.	997.22	
Brixius, Francis E.	Clerk, stenographer and typewriter, at \$900.	15.00	
Keefe, Mary F.	do.	787.50	
Lampert, Nathaniel.	do.	340.00	
Roehl, Flora S.	do.	75.00	
Herman, Beatrice.	Clerk and stenographer, at \$75 per month.	130.00	
Jordan, Margaretta.	Clerk and stenographer, at \$900.	675.00	
O'Toole, John C.	Stenographer and clerk, at \$900 and \$1,020.	960.00	
Hubbell, Mary P.	Stenographer and typewriter, at \$3.25 per diem.	809.25	
Pomeroy, W. M.	Stenographer and typewriter, at \$1,000 and \$1,200.	1,100.00	
Burke, Charles H.	Stenographer and typewriter, at \$75 per month.	450.00	35.37
Gruber, Anna A.	Stenographer and typewriter, at \$900.	900.00	
Hackman, F.	do.	822.50	
Herbert, Ada F.	do.	12.50	
Hackman, Philip A.	Stenographer and typewriter, at \$900 and \$1,020.	960.00	



## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mellady, James C.	Stenographer and typewriter, at \$900	\$900.00	
Slifer, Arthur E.	do.	900.00	
Steel, Janey P.	do.	802.50	
Tilly, William H.	do.	2.50	
White, Faith E.	do.	852.50	
Guy, Mata.	Collaborating stenographer and typewriter, at \$25 per month.	288.33	
Roth, F. jr.	do.	25.00	
De Salme, Robt. C.	Stenographer, at \$900	320.00	
Kugler, John L., jr.	Stenographer, at \$900 and \$1,020	960.00	
Nicholson, Mabel G.	Stenographer, at \$3 per diem	18.00	
Sellers, James B.	Stenographer, at \$900	562.50	
Fies, Olivine.	Collaborating stenographer, at \$25 per month, and clerk, stenographer, and typewriter, at \$900.	550.00	
Graham, Elizabeth.	Collaborating stenographer, at \$25 per month	4.17	
Greenfield, F. V.	do.	222.50	
Quick, Ollie.	Collaborating stenographer, at \$25 per month, and stenographer and typewriter, at \$900.	575.00	
Swanston, Alice D.	Collaborating stenographer, at \$25 per month	55.83	
Traylor, Marie.	do.	290.83	
Van Valkenburgh, P. I.	Collaborating stenographer, at \$20 per month	230.66	
Ford, Erna L.	Collaborator, at \$25 per month	15.83	
Post, Israel P.	Janitor, at \$840 and \$1,020	930.00	
Randolph, Richard.	Janitor, at \$2 per diem	70.00	
Flores, Isaac.	Janitor, at \$25 per month	274.17	
Total.		221,629.81	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Alexander & Co., Geo. H.	\$4.00	Remington Typewriter Co.	\$3.00
American Lead Pencil Co.	45.88	Robinson, Frank E.	75.60
Andrews Paper Co., R. P.	111.67	Rockwell, Charles F.	16.60
Automatic Pencil Sharpener Co. (Inc.).	.80	Schmidt, Fred A.	102.80
Ballantyne, R. Carter.	206.51	Shaw & Borden Co.	7.60
Baumgarten & Sons Co., J.	109.00	Siebert, John F.	2.40
Bryant & Douglas Book and Stationery Co.	3.00	Smith-Premier Typewriter Co.	2.25
Carter's Ink Co.	51.80	Stockett-Fiske Co.	33.60
Clarke Co., R. P.	5.12	Stott & Co., Chas. G.	1.76
Columbia Ribbon & Carbon Manufacturing Co.	9.63	Swayze, W. L.	171.11
De Blae, Abram.	3.20	Tower, D. A.	.33
Dixon Crucible Co., Jos.	15.52	Typewriter & Office Supply Co.	35.75
Easthampton Rubber Thread Co.	36.12	Union Envelope Co.	33.00
Gaylord Bros.	13.59	United States Envelope Co.	390.64
Hale Specialty Co.	.70	Vallez, Hy A.	11.00
Hausler & Co.	27.50	Washington Loose Leaf Co.	26.78
Hoskins Co., Wm. H.	3.20	Worcester Envelope Co.	4.72
Lamb & Tilden.	65.93	Yawman & Erbe Manufacturing Co.	17.30
Library Bureau.	102.81	Total.	2,572.95
Lincoln, Fred S.	335.85	<i>Miscellaneous supplies, etc.</i>	
Linde Paper Co., J. E.	1.70	Aaron & Co.	7.60
Lindemeyer, Phillip.	143.11	Acker, Merrill & Condit Co.	13.44
McNutt, Kahn & Co.	11.25	Acme Glue Works.	3.50
Mathers-Lamm Paper Co.	4.75	Acree, S. F.	2,786.00
Miller Co., H. C.	3.38	Adams Co., E. B.	23.04
Morrison Paper Co., E.	48.80	Adams & Co., J. N.	5.00
Omaha Printing Co.	8.25	Adams & Pendell.	534.70
Pitchee, E. H.	123.96		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alabama Grocery Co.	\$5.43	Bellamy, Wm.	\$32.00
Alberene Stone Co.	834.30	Bemis, Hooper, Hays Co.	4.26
Albrecht, Victor.	175.45	Benson, C. L.	3.32
Alexander & Co., Jastrow.	4.20	Bentley Co., Geo. Wm.	3.80
Alexander, R.	3.50	Bergey, David H.	75.00
Allen, Mitchell & Co.	216.50	Bernstein Manufacturing Co.	13.00
Allis-Chalmers Co.	315.50	Berry, Bros. (Ltd.)	.24
Allison, W. H.	4.50	Berry & Whitmore Co.	24.00
American Can Co.	49.88	Bi-Metallic Investment Co.	41.49
American Dyewood Co.	3.07	Bixby & Co., W.	4.20
American Express Co.	4.78	Blais, John N.	10.00
American Hard Rubber Co.	4.44	Blake, Lee Co.	5.00
American Ice Co.	116.69	Blanding & Blanding.	3.00
American Mercantile Co.	7.14	Block Co. (Ltd.), Henry.	13.11
American Screen & Furniture Co.	15.75	Blum Bros.	30.60
American Shipping Co.	27.08	Blum & Co., Chas.	3.00
American Soap & Washoline Co.	11.79	Blumenthal, Joseph.	15.00
American Soda Fountain Co.	8.68	Bobb & Sons Co., G. W.	11.95
American Steel Barrel Co.	6.30	Boekel & Co., Wm.	133.00
American Wine & Spirit Co.	11.96	Bogart & Son, I. H.	46.29
Andckerson-Hansen Co.	3.50	Bollinger-Babbage Co. (Inc.)	3.85
Anderson, Al.	7.60	Boos, Wm. F.	2,300.00
Anderson Sign Co.	49.50	Booths Cold Storage Co.	4.50
Angove, Arthur C.	101.40	Boston Baking Co.	6.40
Annis Flour & Grain Co.	7.50	Bours & Co., W. A.	4.30
Apollinaris Agency Co.	8.75	Bowden Lithia Water Agency	3.45
Arbuckle Bros.	1.50	Bradley & Co., F. A.	12.00
Arbuckles & Co.	18.05	Bramhall, Deane Co.	16.38
Arctic Ice & Storage Co.	13.00	Brewer Co., H. & J.	14.12
Arey, Chas. A.	6.00	Brewster, E. E.	45.00
Armour & Co.	88.23	Brierre's Sons, Theo.	14.84
Arnold, Hamilton & Luxton	3.98	Briscoe, W. D.	93.00
Arnsberger & Son.	7.21	Bristol Co.	77.35
Art Metal Construction Co.	88.00	Brock & Spight Co.	4.40
Arthur, D. M.	9.20	Brohl & Appell.	79.19
Athey, Delbert R.	119.85	Brown, John J.	148.70
Austin, Nichols & Co.	20.69	Brown & Bro. Mercantile Co., J. S.	7.17
Auth Provision Co., N.	7.44	Brown, Walter L.	4.50
Bacigalupi & Sons, Peter.	20.00	Brown & Sons, Walter.	5.70
Bacon, S. H.	1.00	Brown's Pharmacy.	3.75
Baer, Bros.	.30	Brownell & Sons, C. H.	4.35
Bahrenburg, F. W.	7.73	Broyles, Arnold.	3.50
Bailey, E. H. S.	75.15	Brunner, Ben L.	20.00
Baker & Co. (Inc.)	12.05	Bryan, Goodwin & Hunt.	18.77
Baker Extract Co.	8.65	Bubb & Sons, Geo.	4.28
Baker & Holmes Co.	3.45	Buckhorn Lithia Water Distributing	
Ball Co., J. G.	7.20	Co.	7.50
Ball Co., Lewis J.	8.00	Buckley, John W.	12.90
Ballard, S. Thruston.	168.10	Bunn & Co., J. W.	6.21
Baller & Co., Ferd.	20.75	Bunting-Stone Hardware Co.	9.40
Ballinger & Richards.	6.00	Burgdorf, E.	9.00
Ban Co., S.	3.88	Burke-Nelson Engraving Co.	3.00
Barber & Ross.	42.00	Burggraf, Math.	56.98
Barhan, Geo. A.	4.00	Burns, John, jr.	5.00
Barker, Chas. A.	81.70	Burns Co. (Inc.), T. E.	8.10
Barnard, C. H.	285.30	Burr, Eliot.	109.60
Barnsdale & Co.	4.05	Burrow Martin & Co.	453.64
Barrett & Co., M. L.	12.26	Buschemeyer Bros.	3.75
Barron & Co., Jas. S.	4.60	Butts & Son, J. J.	5.30
Bartleson Co., C. W.	3.55	Cafferata, Dominico.	3.50
Bartlett, Jas. M.	24.11	Cahn, Louis.	4.00
Bartley, Elias H.	50.00	Cahoon, Leon L.	26.50
Bass Hueter Paint Co.	6.70	Callahan & Co., A. P.	5.15
Bass Islands Vine Yard Co.	8.00	Calvert, T. L.	3.04
Bauman Bros.	5.00	Campbell Glass & Paint Co.	3.86
Beam, Turner Co.	4.34	Cangiano & Ovesti.	4.50
Bear, Grover C.	16.00	Capital Traction Co.	60.00
Bear Co., Lewis.	9.53	Carbondale Instrument Co.	4.00
Beavers, C. H., jr.	6.25	Carpenter & Bell.	25.00
Becker, C.	42.25	Catanzara Co.	6.05
Becker-Schnepel Bakers Supply Co.	20.30	Cater & Benfield.	4.48
Beecher, Al.	3.00	Catlin Co., Elmer H.	163.00
Been, Geo. W.	1,000.75	Caverly, (Inc.) Robt. B.	4.40
Behrman & Sons, Henry.	4.13	Chamber of Commerce Sampling Co.	3.40

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"*—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Chamot, E. M.	\$125.00	Delaney Bros.	\$11.75
Chapman, R. H. F.	3.30	Delapenha & Co., R. U.	28.18
Charles Co.	3.76	De Lavel Separator Co.	9.20
Chesapeake Supply Co.	160.34	Delmonico.	8.00
Chicago Artificial Ice Co.	13.60	Denberry, Chas.	23.77
Chicago Towel Supply Co.	29.75	Denison, M. F.	195.97
Child, Scott P.	600.00	Denver Towel Supply Co.	15.00
Chivell, J. H.	14.00	Depew & Co., E. D.	4.04
Christensen, P. O.	6.75	Deuel, C. C.	4.60
Cincinnati Economy Drug Co.	3.50	Deveau Telephone Manufacturing Co.	10.56
Cincinnati Wholesale Grocery Co.	4.02	Devoe, W. H.	4.20
City of Paris Dry Goods Co.	19.50	Diamond Crystal Salt Co.	18.54
Clarinda Co., P. B. & E.	12.14	Dickel & Co., Geo. A.	1.10
Clarke Co., R. P.	5.29	Dickinson, S. D.	3.00
Coblentz & Levy.	4.13	Diercks, C. H.	3.00
Coca-Cola Co.	2.50	Dietrich & Co.	4.82
Codman & Co.	5.00	Di Giorgio Fruit Co.	1.57
Cohen, Solomon Solis.	100.00	Dinock & Pink Co.	63.82
Colburn Co., A.	3.80	Dixie Ice Manufacturing Co.	43.10
Colby, George E.	2.00	Dodge, L. C.	36.69
Collins & Co.	4.23	Dodge & Olcott Co.	24.35
Colorado Ice & Cold Storage Co.	52.20	Doerzbach, Geo. W.	100.41
Columbia Drug Co.	16.25	Donahue Hardware Co.	16.50
Comstock, A. C.	125.30	Donovan, W. F.	3.99
Conrad, Oscar J.	46.30	Dorn, F. M.	3.50
Conron Bros. Co.	567.97	Doud, James J.	15.90
Consolidated Grocery Co.	23.68	Drake Bros. Co.	7.48
Consolidated Sales Co.	31.14	Drescher, Louis.	10.35
Constant, Peter J.	63.84	Dulin & Martin Co.	100.58
Continental Distributing Co.	8.12	Duncan & Co., R. C.	3.70
Continental Forwarding Co.	10.70	Duncan & Co., W. S.	5.06
Contingent expenses Department of Agriculture	25	Dunlap Grain Co., J. M.	9.00
Conway Co.	3.00	Duparquet, Huot & Moneuse Co.	7.00
Cook, Alfred N.	54.63	Du Perow, M.	90.15
Cook & Co., Chas. P.	3.25	Duroy & Haines Co.	110.78
Copeland Co., M. G.	20.94	Eagle, H. R.	40.00
Corby Co.	58.30	Eckhardt (Inc.), Wm., jr.	6.70
Cordero, V.	3.11	Eckstein, Herman.	21.30
Cordley, Hayes.	32.70	Edgerly & Co., J. W.	3.23
Cornwell & Son, G. G.	17.60	Edmunds, Perry H.	20.00
Corr Electric Co., James.	24.00	Edsall, Dr. David L.	150.00
Cortes, Dwight T.	48.00	Edson Bros.	16.47
Cottam & Co. (Ltd.), H. T.	50.83	Edwards, Wilson J.	9.00
Courier Co. of Buffalo.	7.50	Elfers, Henry.	23.40
Crandall Packing Co.	15	Elkin Watson Drug Co.	39.45
Crane Co.	70.02	Ellett, Edwin E.	401.50
Creamery Package Manufacturing Co.	6.90	Elliott, John G.	63.00
Crescent Lumber Co.	15.40	Ellis & Son, Frank A.	4.90
Crescent Oil Co.	47	Emerick & Timlin.	18.15
Crook & Co., R. L.	4.80	Emerson, R. L.	150.00
Crosby Co.	30	Emery, Bird, Thayer Dry Goods Co.	9.55
Crowley, Peter C.	3.00	Engs Sons, P. W.	12.40
Crown Oil & Wax Co.	11.25	Enler, C. G.	5.25
Crump & Field.	3.00	Ergood & Co., J. C.	5.47
Crutchenfield, Tolleson Co.	4.65	Ervin, Charles W.	50.00
Cumberland & Liberty Mills Co.	4.86	Espey, John B.	101.22
Curry Bros. Co.	38.20	Euler, C. G.	12.25
Cusenier Co.	5.86	Evans, Arthur.	4.50
Cuyler & Mohler.	30.68	Evans Bros.	4.98
Dally, S. W. R.	3.00	Eyanson & Son, John E.	8.45
Danenhower & Son, G. R.	9.40	Fabras Fountain Annex.	4.80
Dannemiller Grocery Co.	4.30	Fall & Co., J. H.	3.50
Darnall & Jones.	2.50	Farrell, Wm. J.	19.00
David & Ely Co. (Ltd.).	3.70	Faulkner & Co., N. A.	3.09
Davidson & Co.	6.75	Faxon, Williams & Faxon.	5.51
Davis, Joseph T.	20.00	Fear & Co., Fred.	3.30
Davis & Lawrence Co.	3.05	Federico, Francisco.	3.15
Davis & Co., R. W.	3.40	Fee & Son, James.	3.15
De Barr, Edwin.	3.10	Fenton & Son.	3.50
De Barry & Co., Fred'k.	10.78	Ferriday Liquor Co.	3.00
De Boer & Dik.	4.50	Finch, G. S.	6.45
Dedman, Jas. E.	25.00	Finola Manufacturing Co.	66
De Graw, Charles E.	7.50	First National Bank Building.	4.95
Delahant, M. F., estate of.	4.50	Flaspoller's Sons, R. P.	14.84
		Flitcraft, Warren W.	67.00



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Foley Co., J. H.	\$6.00	Hamilton Grocery Co., R.	\$3.21
Folin, Otto.	1,300.00	Hammacher, Schlemmer & Co.	4.40
Fougera & Co., E.	22.81	Hannah & Hogg.	3.88
Four Co.	15.60	Hanson & Vanwinkle Co.	2.47
Fowler Co.	4.84	Hardy & Co.	7.00
Fox, Nicholas.	39.68	Harper, Geo. W.	12.70
Fox-Smith Grocery Co.	3.00	Harris & Son, Henry S.	6.00
Frailer & Bros., J.	5.00	Harris, Wm. B.	155.67
Francis Pharmacy Co.	9.00	Harris & Shafer Co.	7.00
Franklin Mills Corporation.	36.50	Hartig, Louis.	88.25
Franquiz & Co., Jose.	3.90	Hawley & Letzerich.	34.79
Freeman, George.	287.47	Hayes & Co., Jas. A.	9.06
Fritzsche Bros.	76.05	Heitmuller & Heider.	9.00
Frontier Plumbing & Heating Co.	6.00	Helmken, Louis.	42.40
Gallagher & Co., E. B.	8.00	Helvetia Milk Condensing Co.	8.00
Gallagher & Ascher.	10.80	Hemphill, E. Dallett.	2.00
Galland Mercantile Laundry.	42.00	Henderson, C. C.	18.40
Galt & Co., W. M.	8.15	Henneberg, Dr. Wilhelm.	4.65
Gandolfi & Co., L.	3.08	Henry, Frank C.	39.24
Ganz, Nathan.	5.40	Herbert & Sons Co., C. J.	4.33
Gelpi & Sons, Paul.	34.74	Herman, J. H.	12.50
General Electric Co.	216.84	Hessler Mercantile Co., P. S.	19.20
General House Repairing Co.	89.80	Hettinger Bros. Manufacturing Co.	16.00
Germert, G.	1.50	Heurich Brewing Co., Chr.	6.25
Gerber, Albert D.	36.00	Hightower, Hallman & Co.	8.40
Gessford, Jas. E.	5.10	Hill & Hill.	4.50
Gibbons, J. F.	5.20	Hilmer Co., Fred L.	14.64
Gichner, Ernest.	273.10	Hinchliffe Brewery.	6.25
Gies, Wm. J.	50.00	Hinrichs & Co., Geo. F.	17.13
Gifford, Harry W.	181.00	Hipolite Egg Co.	9.73
Gilbert Co., John, jr.	8.49	Hirsch, Rudolph.	40.00
Gilbert Grocery Co.	4.09	Hochland, Oscar.	1.50
Gill, Dr. A. H.	400.00	Hodgdon & Kershaw.	5.00
Gilpin Co., Henry B.	2.65	Hoffman-Ahlers Co.	60.00
Gimbel Bros.	4.50	Hoge & McDowell Co.	14.57
Girard Grocery Co.	17.28	Hohman & Maurer Manufacturing Co.	30.00
Githens, Rexasmer & Co.	4.34	Hollander & Co., F.	2.50
Globe Electric Works.	6.05	Holmes Co., D. H.	7.63
Goff & Barclay.	5.55	Holt, Geo. H.	68.60
Goldberg, Bowen & Co.	7.50	Holzman & Co., D.	7.00
Goldman & Co.	10.85	Hopfelmaier, Lewis.	3.20
Goodloe, Hallum W.	8.00	Hopkins & Co., J. L.	8.82
Goodman, J. T.	3.00	Hoskins Manufacturing Co.	20.00
Gordon, James C.	193.70	Houck & Dieter Co.	3.96
Gosney, Samuel A.	42.00	Howard, Logan.	3.25
Gould, Wells & Blackburn Co.	3.18	Howard, W. H.	6.00
Gowen & Son, E. A.	4.80	Howard & Beaver.	3.75
Grabfelder & Co., S.	16.29	Hulet, G. A.	3,122.35
Graham, William.	198.90	Hunsberger, Ambrose.	56.60
Grandberry, E. H.	119.15	Hurst-Boillin Co.	7.57
Grange & McVicker.	3.50	Hydraulic Press Manufacturing Co.	428.86
Grant, Abram F.	14.00	Iander & Taylor.	6.00
Great Atlantic and Pacific Tea Co.	43.51	Ice Delivery Co.	86.15
Greek Wholesale Grocery Co.	5.10	Idaho Grocery Co.	3.25
Green, Albert L.	31.70	Iliff Co., John W.	13.00
Green, Benjamin.	3.00	Improved Mailing Case Co.	133.66
Green, John S. P.	13.00	Independent Ice Co.	30.60
Green City Bakery.	11.25	Ingold, Matt.	36.15
Griffin, Adams.	111.95	Interior Grocery Co.	4.21
Grisson & Co., E. O.	14.50	International Forwarding Co.	5.32
Groat, G. A.	6.00	Interstate Ice & Cold Storage Co.	49.80
Grunbaum, Adolf.	8.26	Italian Importing Co. of New York.	3.66
Gump Co., B. F.	3.50	Jacob, Eruardo.	28.40
Guthrie, J. B.	1,081.32	Jacobs Pharmacy Co.	17.93
Gutta Percha & Rubber Manufactur-		Joames Bros. Co.	3.71
ing Co.	.20	Johns-Manville Co., H. W.	7.88
Haas, Leiber Grocery Co.	14.40	Johnson, Charles W.	30.00
Habicht, Braun & Co.	31.35	Johnson, Griffith L.	214.98
Hackett, Peter.	5.00	Jones, Hamilton P.	2,151.65
Hagen, Ratcliff & Co.	7.50	Jordan Co., Stanley.	6.12
Hale, Justis & Co.	4.24	Joyce Engraving Co., The Maurice.	1.00
Hale Specialty Co.	1.35	Joyner, Wilbur N.	9.45
Hall's Safe Co.	63.00	Kaaz Planing Mill & Manufacturing.	19.00
Hamill Co., S.	3.33	Co., J.	
Hamilton, C. E.	10.95	Kahn Bros. Co.	9.90

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kampmeier, E. W.	\$41.00	Lockwood, W. A.	\$23.62
Karl Kiefer Machinery Co.	100.00	Loewy Drug Co.	5.33
Kaufman Bros.	76.51	Logan-Johnson Co.	7.63
Kaufmann & Huth.	65.42	Louapre Co., A. J.	3.12
Keane & Co., T. T.	3.85	Lowdermilk & Co., W. H.	275.22
Keasbey & Mattison.	55.42	Luber, A.	294.31
Kehler Bros.	4.85	Luedde, W. H.	25.00
Kelley's Island Wine Co.	4.90	Lueders & Co., Geo.	3.93
Kelly & Zoeller.	3.96	Lutz & Co.	43.88
Kempster, Walter.	1,000.00	Lykens Mercantile Co.	3.65
Kenney, Seth H.	.70	Lyon & Co., A. J.	9.00
Kern & Co.	5.70	Lyon & Co. (Ltd.), I. L.	22.00
Kiameusi Spring Water Co.	5.07	Lyons & Co., John.	6.00
Kime, R. R.	225.00	McAvoy, M. B.	36.63
King & Co., F. W.	3.10	McDaniel, Minnie L.	34.80
King Lumber Co.	496.88	McDonnell & Son, S. A.	42.10
Kinyoun, J. J.	125.00	McEachern Sons Co., John S.	9.70
Kirby & Co., F. M.	3.90	McKesson & Robbins.	7.78
Kirk, Son & Co. (Inc.), David.	9.60	McLaughlin, Mrs. N. S.	9.45
Kirk, Geary & Co.	8.84	McLaughlin & Crawford.	3.85
Klinger & Co., H. J.	17.18	McLaurin Co., J. H.	4.15
Klotz Machine Co.	118.92	McNutt, Kahn & Co.	6.90
Knapp & Van Nostrand.	5.62	MacClintock, Samuel.	10.00
Knight, Henry G.	2.55	Mackie Grocer Co. (Ltd.), Albert.	3.12
Knowles & Co. (Inc.), Frank A.	48.00	MacMonnies & Von Elm.	5.46
Kober, Geo. M.	100.00	Macy & Co., R. H.	3.62
Koenig, Adolph.	275.00	Macy & Jenkins.	12.34
Koenig, Jules C.	3.20	Magnano, A.	5.45
Kohnstamm & Co., H.	1.00	Manhattan Electric Supply Co.	8.89
Kramer & Co., A.	3.00	Mann, Gustav.	2,035.58
Krippendorff, C. H.	3.43	Mann Co., Wm.	3.60
Krite, Frederick H.	259.75	Manning, Maxwell & Moore.	2.10
Kroger Grocery & Baking Co.	3.88	Marshall, John.	1,050.00
Krugman, Wm.	13.10	Marshall-Bruce-Palk Co.	6.00
Kuebler Stang Brewing Co.	18.40	Martin & Co., E. L.	24.10
Kuempel, H.	72.00	Martin & Co., J. W.	4.80
Kuhl, Jos. B.	3.00	Martin & Miller Grocery Co.	4.74
Kunde, Herman.	8.00	Marx Bros.	3.45
Kusel, O. G.	14.10	Mason & Co., J. Judd.	15.75
Kutsukian & Co., Francis.	6.40	Mathews, Albert P.	324.00
Lakewood Farms.	29.00	Mathy Co.	20.30
La Manna, Ayema & Farman.	12.49	Mattingley, J. D.	54.79
Lamar & Rankin Drug Co.	8.75	Mattison, Alexander.	3.30
Lambie Co. (Inc.), Jas. B.	80.32	May Drug Co.	15.45
Landser, J. W.	5.00	May Hardware Co., F. P.	1.60
Langenberg Hay & Grain Co.	5.20	Mayfield & Brown.	3.50
Langley & Michaels Co.	71.73	Medford Grocery Co.	6.75
Lansburgh & Bro.	11.00	Melchionna, Antonio.	4.20
Larsen, Walter.	3.00	Mellen & Co., F. S.	4.45
Latshaw, Peerst Co.	3.84	Menard Bros.	30.93
Layton & Co., John.	40.48	Merrill & Co., A. W.	5.60
Leadbeater & Son (Inc.), E. S.	61.21	Mertz & Sons, J.	14.35
Lee, Ross.	29.85	Messick Grocery Co., A. F.	5.90
Lee & Prentiss.	8.95	Metcalfe Blue Print Co.	4.05
Leedour & Worral Co.	25.98	Metropolitan Grocery Co.	4.40
Leeds & Northrup Co.	136.60	Metz, Henry.	60.95
Leffingwell, D. A.	3.60	Meyer Bros. Drug Co.	4.50
Lehn & Fink.	37.52	Meyer & Lange.	19.60
Lentz & Sons, Chas.	9.80	Meyrowitz, E. B.	7.00
Leo, Waldemar.	29.60	Michael & Lyons Grocery Co.	5.10
Letteny, C. F.	1,239.50	Michaelis & Sons, M.	3.12
Letts, Fletcher Co.	5.34	Michel Cooperage Co.	318.71
Letts Grocery Co., John C.	10.28	Michigan Drug Co.	60.70
Letts, Madison L.	15.85	Miller & Co., Geo. W.	4.30
Levy Bros.	3.75	Miller, H. G.	103.07
Lewis & Son Dry Goods Co., A. T.	11.85	Miller, J. Franklin.	19.70
Lewis, Frank E.	7.25	Miller, Clagett & Co.	15.88
Lewis, James F.	50.00	Miller-Jackson Grain Co.	3.20
Liberty Coal & Ice Co.	53.55	Mine & Smelter Supply Co.	3.61
Liepsner & Co., H. C.	6.00	Mineral Water Service Co. (Ltd.).	24.00
Lindsay Rubber Manufacturing Co., M.	5.33	Minnix & Co., N. M.	12.25
Lisner, J. J.	3.45	Miro & Co., F.	10.13
Livingston Pharmacy.	31.75	Missouri Tent & Awning Co.	16.50
Lloyd, George.	40.00	Mitchell Co., M. C.	3.25

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Mitchell, Thos. O.	\$21.25	Pearce, Lemuel B.	\$44.86
Model Laundry & Dye Works.	12.00	Peebles Sons Co., Jos. R.	11.04
Monarch Typewriter Co.	506.42	Peninsular Naval Stores Co.	6.99
Money Penny & Hammond Co.	5.18	Peoples Ice Co.	80.73
Monitor Sales Department.	35.00	Peoples Supply Co.	3.00
Monticelli Bros.	10.50	Pergament & Co., Tobias T.	6.00
Monticello Wine Co.	14.00	Perry Co., Charles E.	1.26
Moore Bros. Co.	4.08	Perry & Co., J. P.	10.83
Moore Co.	153.00	Philadelphia Press Co.	6.60
Morse & Co., A. H.	33.91	Philadelphia Wholesale Drug Co.	5.00
Morsell's Hardware Store.	.55	Piedmont Grocery Co.	3.25
Motley, F. G.	25.00	Pierce Co., S. S.	52.00
Mott Iron Works, J. L.	70.90	Pillsbury, H. P.	2.00
Mueller Manufacturing Co., H.	463.29	Pittsburgh Plate Glass Co.	51.00
Mugge, Robt.	4.50	Polar Wave Ice & Fuel Co.	49.20
Mullen, James E.	159.55	Polk Co., J. T.	32.48
Munson Belting Co., Chas.	97.48	Polk & Co., R. L.	12.00
Munson Supply Co.	51.75	Pollock, Wm.	96.95
Murphy Co. (Inc.), E. J.	55.03	Porter-Mallard Co.	8.81
Musser, Dr. J. H.	150.00	Powell-Saunders & Co.	9.10
Muth & Co., Geo. F.	28.11	Power Grocery Co.	8.23
Myers, J. Weston.	100.00	Powers Mercantile Co.	13.00
Myers & Co., J. W.	6.30	Powers Regulator Co.	22.75
Nabers, F. E.	25.00	Pray & Sons Co., John H.	24.80
Nashville Plumbing Co.	55.50	Presti & Co., P. & V.	4.78
Nasiacos Importing Co.	3.05	Prier Brass Manufacturing Co.	60.00
Nason, W. Albert.	275.00	Puetz, John C.	40.00
Nathan, A.	12.60	Putts, J. W.	3.13
National Electrical Supply Co.	32.80	Quadt Co. (Inc.), John.	20.00
National Ice & Cold Storage Co.	63.00	Quaker City Chocolate & Confectionery Co.	7.25
National Manufacturing Co.	3.40	Queen City Livery & Boarding Stables	4.00
National Poultry & Egg Co.	173.77	Raboteau Drug Co.	3.90
Nawrath, J. P.	34.80	Railway Equipment & Publishing Co.	6.00
Nelson Refrigerator Co.	95.00	Raub, Samuel C.	4.20
Neostyle Co.	45.00	Raymond, Joseph H.	50.00
Neuman & Schwiens Co.	3.68	Red C Oil Manufacturing Co.	1.30
New York Grocery Co.	3.00	Reed, J. O.	64.75
New York Tribune Association.	13.20	Register Publishing Co.	10.41
Nicholas & Co., G. S.	3.30	Reid & Bros., D. P.	4.25
Nichols, J. B.	100.00	Reifel, Chas. J.	72.30
Nichols Candy Co.	16.35	Reilly, Hugh.	33.28
Niles Cement Pond Co.	477.30	Reiss & Brady.	20.88
Northern Colorado Wholesale Grocery Co.	5.95	Remington Typewriter Co.	86.45
Nova-Kola Co. of Louisiana (Ltd.).	10.00	Retailer's Journal.	1.00
Nussbaum, B.	3.60	Reymer & Bros. (Inc.).	5.15
Oakes & Burger.	28.00	Rhoads & Tillman.	5.58
O'Conner, J. W.	2.25	Rhodes, E. T.	350.00
O'Donnell, Jas.	84.70	Rhodes, John D.	83.50
O'Donnell Co., J. P.	7.00	Ring, Wm. T.	7.05
Office Toilet & Supply Co.	12.00	Rippey, Wm.	3.00
Oglesby Grocery Co.	3.60	Rittwagen & Michelson Co. (Inc.).	9.70
Oil, Paint & Drug Reporter.	84.00	Roach & Co., W. R.	41.40
Omaha Ice & Cold Storage Co.	38.74	Robins & Myers Co.	126.45
Oriental Laundry.	15.00	Roberts & Co., F. L.	32.92
Orrick & Son Co., J. C.	3.96	Roddenbery, W. B.	3.00
Osborn & Co., W. T.	28.88	Rose, James A.	17.50
Otis Elevator Co.	18.00	Rose Co., R. L.	1.17
Ottenheimer, Levi.	3.65	Rosenfeld, M.	5.80
Ouerbacker-Gillmore Co. (Inc.).	3.80	Rosenthal, Theodore.	31.75
Owen Brothers.	3.55	Rotert, G. F.	16.50
Oyster, Jas. F.	7.00	Rothschild & Co.	20.25
Pacific Box Factory.	7.04	Rouse & Son, Wm.	7.50
Palais Royal.	5.50	Rouse & Co., W. B.	2.10
Parke & Tilford.	6.02	Rouse & Son, A. C.	36.00
Parke, Thos. D.	25.00	Rowe, Edwin S.	81.85
Parker-Blake Co. (Ltd.).	59.08	Rubel-Lillimfield Co.	6.75
Parks, W. B.	225.00	Rudolph & West.	182.36
Parsons, John D.	3.44	Rueff, Geo. Wm.	9.03
Parsons Manufacturing Co.	5.50	Ruffin, Sterling.	100.00
Pastene & Co., P.	12.99	Rump & Siemer.	4.65
Paterson Brewing & Malting Co.	11.25	Rust, F. L. D.	3.50
Patton & Co., D. G.	15.00	Sandusky Water Works.	5.95
Paulsen Co.	7.00	Sanguinetti, E. F.	25.80



## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Satterthwaite, Thos. E.	\$195.00	Soodsma & Rozema.	\$1.75
Savannah Consolidated Bottling Co.	4.00	South Atlantic Packing & Provision Co.	10.50
Schaefer Rubber Co.	3.00	Southern Cotton Oil Co.	2.59
Schall & Co.	68.64	Southern Dental Supply Co.	.70
Schener Bros. Co.	3.99	Southern Drug Corporation.	34.20
Schering & Glatz.	30.00	Southern Ice & Coal Co.	37.80
Scheuer Bros. Co.	29.06	Southern Poultry Supply Co.	1.25
Schieffelin & Co.	3.70	South Florida Mail Order House.	3.75
Schmidt, Edw. S.	203.50	Spelger & Hurlbut (Inc.).	10.60
Schmidt & Bros., A., Jr.	31.44	Sprague Canning Machinery Co.	36.20
Schmidt & Sons, H.	11.19	Sprinkle, A. T.	17.35
Schmitt, J. B.	8.10	Standard Electrical Works.	60.25
Schneider, Chas.	14.36	Standard Engineering Co.	421.30
Schneider, F. W.	8.00	Standard Grocery Co.	3.25
Schoellkope, Hartford & Hanna Co.	2.60	Standard Ice Co.	64.87
Schoepfle Mfg. & Lumber Co.	6.08	Standard Oil Co.	34.13
Sciaccaluga, G.	2.50	Star Milk Cooler Co.	13.60
Scott Co., I. W.	4.50	Stebbins, Chas. M.	36.35
Scott & Co. (Inc.), S. D.	9.45	Stebbins Hardware Co.	10.72
Scudder, Wm. R.	22.60	Steiger & Co., E.	.90
Searles Bros. Windmill & Pump Co.	5.20	Steckert & Co., G. E.	832.40
Sears & Co., Lemuel.	6.30	Stefani & Bro., A. J.	3.00
Seattle Electric Co.	6.90	Steinfeld & Co., Albrecht.	12.30
Sechrist Manufacturing Co., Albert.	3.50	Steinhardt & Nordlinger.	4.72
Seeman Bros.	3.20	Stengel, Alfred.	850.00
Sehon, Stevenson & Co.	9.74	Siemk, E. L.	85.76
Seil, Harvey A.	4.50	Sterns Electric Equipment Co.	63.00
Sellers, Ira A.	25.00	Stetson Barrel Co.	7.20
Seyforth, F. W.	60.05	Stevens, Edward.	54.00
Seymour, Wm. D.	48.23	Stevens Co., Samuel.	6.85
Seymour Packing Co.	33.63	Stevenson & Co., Geo. K.	6.20
Shannon Co., B. F.	20.00	Stikeleather, John G.	6.00
Shea, N. A.	86.85	Stiner & Son, W. H.	10.27
Shedd Mercantile Co., E. E.	2.95	Stone & Co., Chas. D.	7.89
Sheldon & Co., G. W.	25.25	Stong, L. B.	72.37
Shepard, James H.	3,250.00	Storms Co., H. M.	.82
Shields-Morley Grocery Co.	12.49	Strasbaugh, Silver & Co.	10.80
Shock Absorbent Co.	2.50	Straus & Sons Co. (Inc.), Herman.	7.50
Siegel, Cooper & Co.	3.28	Street, John Phillips.	2.25
Silver Bros.	3.00	Stringfellow & Doty Co.	3.15
Simon, D. B.	16.35	Strohmeyer & Arpe Co.	16.23
Simple Electric Heating Co.	103.40	Sullivan & Co., G. W.	6.40
Simpson & Hedges.	2.70	Sweet Valley Wine Co.	3.05
Sims, Fred A.	3.20	Table Supply Co.	4.70
Singer, H. L.	4.45	Taggart, Alexander.	178.65
Slade Co., D. L.	3.60	Talbott, Joseph B.	37.80
Slaughter, S. E.	7.00	Talcott & Co., C. H.	12.80
Sloan, Robt. T.	600.00	Tampa Drug Co.	4.76
Sloane, W. & J.	260.62	Tanner & Daily.	5.89
Smalley, E. L.	3.00	Taylor-Isaacs Drug Co.	3.00
Smith, Arnett G.	3.00	Teed & Son, W. I.	7.15
Smith & Co., C. B.	3.67	Texas Frozen Dainty Co.	17.00
Smith, Gordon.	79.40	Textor & Co., A.	4.50
Smith, J. L.	5.00	Thatcher Manufacturing Co.	30.00
Smith & Co., James P.	19.84	Thayer & Lynn.	10.00
Smith Grocery Co., La Fayette.	11.40	Thiemeyer Co., J. H.	3.36
Smith, R. W.	10.00	Thomas, Geo. J.	340.00
Smith, Kline & French Co.	54.66	Thompson, B. G.	5.60
Smith & Martin.	4.25	Thompson & Leavitt.	7.63
Smith Premier Typewriter Co.	33.45	Thompson & Norris Co.	4.00
Smith-Race Grocery Co.	6.94	Thompson & Co., A. H.	4.00
Snell Grocery & Hardware Co.	10.20	Thrall Co., F. B., A. H.	4.49
Snodgrass Drug Co.	9.60	Thure, P. E.	44.98
Snow & Bryan.	6.25	Tin Shop Co.	191.36
Snyder, J. Ross.	25.00	Toburen, Henry.	14.90
Soards Directory Co. (Ltd.)	7.00	Todd Co. (Ltd.), A. M.	11.25
Society of American Bacteriologists.	3.95	To-Kalon Wine Co.	2.50
Solano, Rafael.	2.19	Topham, James S.	9.20
Solari (Ltd.), A. M. & J.	42.04	Tower, D. A.	.33
Solari, Felix.	20.00	Transcontinental Freight Co.	20.92
Solomons Co.	3.00	Tregor & Sons, M.	1.25
Somerman, N.	4.32	Tritch Hardware Co., Geo.	3.60
Somerville Co., Thos.	365.16	Tropical Fruit Products Co.	10.75
Sommers & Co., G.	3.10		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
True Egg Substitute Co.	\$12.50	Williams, John W. R.	\$3.00
Truss & Aschbrenner.	7.50	Williams Grocery Co.	5.55
Trussed Concrete Steel Co.	17.50	Williams & Moorhouse.	7.99
Tschifely, F. A., jr.	10.00	Williams, Thompson Co.	6.30
Tschumy & Co., L. P.	5.00	Williams & Wells Co.	6.64
Tull & Gibbs.	65.00	Winn-Barr-Chailey Co.	23.15
Typewriter & Office Supply Co.	1.50	Wise Bros.	3.00
Ulbrick Co., Otto.	4.00	Witherell Co., Warren F.	4.02
Ulery Co., U. J.	.86	Wittmeyer Bros.	37.60
Underwood Typewriter Co.	934.55	Wolaver, Chas. J.	138.30
Union Toilet Supply Co.	46.58	Wolf, Chas. W.	6.25
United Cork Companies.	8.00	Wolf, William.	197.65
United Distributing Co.	14.79	Wolf Manufacturing Co., L.	45.00
United States Fram. & Picture Co.	3.60	Wolf & Shultz.	4.35
United States Internal Rev. nue.	18.00	Wolfram, C. B.	3.00
United States Packing Co.	27.00	Woodward Co., C.	8.00
Van Dyke Co., James.	4.80	Woodford, H.	25.00
Van Noppen, D. A. Zwigtmann.	.60	Woodward & Lothrop (Inc.).	92.94
Vaughn, Robert.	7.00	Woolley & Gerhaus.	3.67
Vaughters-Kramer Co.	5.30	Worischek, John.	42.20
Venable, S. J.	7.50	Worke & Co., R. H.	3.25
Vergnolle, J. M.	2.40	Wortham, R. C.	.40
Villere Co., E. C.	32.14	Wright & Sons, Henry E.	20.84
Vittucci Co., John.	11.20	Wright, J. H.	16.70
Voelker, J. L.	7.15	Wyman, B. L.	25.00
Vogeler Drug Co., Alfred.	7.34	Young, Mrs. Philip.	11.64
Vogt, F.	71.10	Zanesville Stoneware Co.	217.75
Wagener & Co., F. W.	4.75	Zaring & Co., C. W.	3.35
Wagner & Sons, John.	18.60	Zephyr Ventilator & Manufacturing Co.	12.60
Wagstaff, R. B.	27.60	Zinsmaster, Wm.	97.40
Waldorf-Astoria Importation Co.	4.33	Zwick Pharmacy Co.	426.86
Walker, Mary E.	20.20		
Walker & Gibson.	22.68	Total.	63,162.31
Walker & Sons, David.	604.64		
Walker & Sons, Geo.	6.90	<i>Furniture.</i>	
Wanamaker, John.	5.63	Adam & Co., J. N.	7.25
Ward-Leonard Electric Co.	89.00	Business System Store.	4.00
Warner, L.	32.40	Byck Co., M. S. & D. A.	15.75
Warren, L. E.	150.00	Carpenter Co., W. B.	33.25
Washington Liquor Co.	3.75	Derby Desk Co.	725.20
Washington Post.	4.50	Dilgart & Bittner Co.	27.25
Washington Rubber Co.	8.75	Doerzbach, Geo. W.	32.25
Washington Times Co.	4.95	Gimbel, Ellis A.	28.02
Washington Wholesale Drug Exchange.	374.30	Grote-Rankin Co.	40.00
Weaver & Co., C. H.	4.00	Hoeke, Wm. H.	6.97
Weber & Co., F.	9.33	Hoskins Co., Wm. H.	123.95
Webster Citizens Co.	47.16	House & Herrmann.	6.66
Weidman, Ward & Co.	6.50	Keller Office Furniture Co.	5.00
Weil & Co., J. H.	4.13	Kistler Stationery Co., W. H.	8.00
Weiner Wine Co., L. M.	11.00	Kitchen, H. C.	25.00
Wells & Kahn Co.	5.95	Lansburgh Furniture & Carpet Co., J.	79.17
Welsbach Co.	6.00	Library Bureau.	165.40
West & Slade Grocery Co.	7.40	Lincoln, Fred S.	1,225.07
Westerberg & Williams.	1,364.63	Macey Co.	85.75
Westerman, F.	139.65	Meserve & Co., John S.	91.75
Western Candy & Baker Supply Co.	8.00	Moses & Sons, W. B.	3,478.38
Westinghouse Electric & Manufacturing Co.	77.60	Ohio Desk & Chair Co.	45.50
Whitcomb Co., H. H.	4.57	Rucker, Fuller Desk Co.	16.35
White, Fred C.	50.50	Schmidt, O. H.	316.90
Whitham, Martin L.	29.30	Schooley Stationery Co.	8.00
Whiting, F. C.	174.55	Shaw-Walker Co.	101.80
Wiegand, Martin.	2.66	Siegel-Cooper Co.	17.10
Wilcox, Reynold Webb.	100.00	Typewriter & Office Supply Co.	6.50
Western Electric Co.	20.18	Wanamaker, John.	18.00
Wilcox Co., R. M. & C. B.	8.80	Washington Woodworking Co.	148.00
Wilder & Co.	4.38	Williams, Ed F.	6.00
Wildt Evaporated Milk Co., John.	48.11	Woodruff Manufacturing Co.	25.00
Wiles Son & Co., Julius.	14.90	Woodward & Lothrop (Inc.).	168.70
Wiley Manufacturing Co.	3.00	Yawman & Erbe Manufacturing Co.	1,063.30
Wilhelm Telephone Manufacturing Co.	10.00		
Wilkerson, Wm. S.	7.50	Total.	8,158.22
Willey Produce Co.	4.68		

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Telephone.</i>	
Allen & Fox Express Co.....	\$3. 50	Bell Telephone Co. of Buffalo.....	\$32. 05
Atchison, Topeka & Santa Fe R. R.....	16. 54	Bell Telephone Co. of Missouri.....	72. 00
Baltimore & Ohio R. R. Co.....	3. 95	Bell Telephone Co. of Pennsylvania.....	123. 75
Barr, Michael.....	3. 00	Central District & Printing Telegraph Co.....	75. 46
Benedict Warehouse Transfer Co.....	3. 70	Chesapeake & Potomac Telephone Co.....	252. 15
Black's Delivery Co.....	8. 25	Chicago Telephone Co.....	144. 55
Blue Line Transfer Co.....	7. 57	Cincinnati Suburban Bell Telephone Co.....	106. 70
Chesapeake & Ohio Ry.....	103. 53	Colorado Telephone Co.....	53. 20
Chicago & Alton R. R.....	3. 52	Cumberland Telegraph & Telephone Co.....	124. 20
Chicago, Burlington & Quincy R. R. Co.....	26. 88	Federal Telephone & Telegraph Co.....	36. 90
Chicago, Milwaukee & St. Paul Ry Co.....	2. 21	Frontier Telephone Co.....	12. 15
Chicago & Northwestern R. R.....	19. 79	Keystone Telephone Co. of Philadelphia.....	50. 35
Chicago, St. Paul, Minneapolis & Omaha Ry. Co.....	3. 07	Michigan State Telephone Co.....	75. 00
Cleveland, Cincinnati, Chicago & St. Louis Ry.....	6. 40	Missouri & Kansas Telephone Co.....	68. 75
Coles, Wm.....	40. 32	Mutual Telephone Co. (Ltd.).....	36. 00
Dolan Teaming Co., John F.....	. 75	Nebraska Telephone Co.....	90. 00
Empire Transfer Co.....	3. 50	New England Telegraph & Telephone Co.....	156. 11
Glenn & Son, O. J.....	4. 65	New York Telephone Co.....	117. 53
Hannon, Jas. S.....	23. 46	Pacific Telegraph & Telephone Co.....	311. 22
Illinois Central R. R.....	11. 55	Sandusky Telephone Co.....	4. 95
International & Great Northern R. R. Island & Terminal Transfer Co.....	5. 62	Southern Bell Telegraph & Telephone Co.....	48. 00
Knox Express Co., Geo. W.....	18. 25	Southwestern Telegraph & Telephone Co.....	60. 00
Louisville & Nashville R. R. Co.....	32. 27	Tri-State Telegraph & Telephone Co.....	41. 05
McEvoy, Thos. J.....	8. 18		
Matson Navigation Co.....	4. 25	Total.....	2,092. 07
Millott, J. A.....	2. 51		
Missouri, Kansas & Texas Ry. Co.....	9. 31	<i>Rent.</i>	
Missouri Pacific Ry.....	2. 33	Alwood, Wm. B. & Soffie G.....	600. 00
New York, New Haven & Hartford R. R. Co.....	2. 16	Arcade Building & Realty Co.....	1,500. 00
Norfolk & Washington Steamboat Co.....	5. 66	Bi-Metallic Investment Co.....	1,300. 00
Northern Pacific Ry.....	3. 31	Buhl, Willis E.....	850. 00
Oceanic Steamship Co.....	14. 78	Corbett, H. W. Estate of.....	1,260. 00
Oregon Ry. & Navigation.....	2. 51	Davis, Floyd E.....	210. 00
Pennsylvania R. R. Co.....	3. 42	First National Bank Building.....	1,500. 00
Pere Marquette Ry.....	57. 49	Harrison Realty Co.....	450. 00
Reliable Transfer Co.....	3. 40	Holt, Geo. H.....	2,700. 00
Sheldon Co., G. W.....	8. 25	Jackson & Co., J. T.....	1,835. 00
Southern Pacific Co.....	18. 50	Johnson, R. Harrison.....	1,060. 27
Southern Ry. Co.....	17. 90	Louisville Public Warehouse Co.....	360. 00
Spokane, Portland & Seattle Ry. Co.....	25. 04	Park, Wm. G. & D. E.....	1,580. 00
Star Union Line.....	7. 55	Penn. Cold Storage & Market Co.....	300. 00
Tennessee Central R. R.....	27. 23	Shea, Nicholas H.....	8,000. 00
Union Pacific R. R.....	5. 13	Swartzell, Rheem & Henssey Co.....	437. 50
Union Transfer Co.....	10. 11	Territory of Hawaii.....	225. 00
Valentine, R. L.....	10. 25	Tierney, John J. & Matilda.....	550. 00
Washington Southern Ry.....	20. 62	Wright Building Co.....	1,296. 00
Wiley & Nicholls Co.....	1. 68		
	5. 25	Total.....	25,913. 77
Total.....	626. 15		
<i>Express.</i>		<i>Gas and electricity.</i>	
Adams Express Co.....	2,104. 97	Bi-Metallic Investment Co.....	46. 95
American Express Co.....	30. 84	Boston Consolidated Gas Co.....	98. 24
Southern Express Co.....	17. 10	Brush Electric Light & Power Co.....	66. 30
United States Express Co.....	765. 39	Denver Gas & Electric Co.....	44. 80
Wells, Fargo & Co., Express.....	38. 15	Detroit City Gas Co.....	73. 76
Total.....	2,956. 45	Edison Illuminating Co.....	49. 04
<i>Telegraph.</i>		Galveston Gas Co.....	53. 55
Great Northwestern Telegraph Co. of Canada.....	. 69	Holt, Geo. H.....	83. 14
Postal Telegraph-Cable Co.....	473. 27	Honolulu Gas Co. (Ltd.).....	25. 80
Western Union Telegraph Co.....	1,239. 42	McGowan, Small & Morgan.....	33. 25
Total.....	1,713. 38	Nashville Gas Co.....	46. 00
		New Orleans Gas Light Co.....	76. 51
		Peoples Gas Light & Coke Co.....	122. 78
		Portland Gas & Coke Co.....	19. 35
		Potomac Electric Power Co.....	1,344. 53



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Gas and electricity—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
St. Paul Gas Light Co.....	\$38.90	Lewis, J. L.....	\$12.26
Sandusky Gas & Electric Co.....	103.09	Lueders Co., George.....	3.00
Savannah Gas Co.....	59.75	Luthin, R. H.....	60.45
Seattle Lighting Co.....	135.90	Lyons & Co., I. L.....	26.14
United Gas Improvement Co.....	64.70	Mackall Brothers.....	1,455.07
Washington Gas Light Co.....	313.65	Magnus, Mabee & Reynard (Inc.).....	8.00
Wright Building Co.....	40.04	Mallinckrodt Chemical Works.....	289.35
Total.....	2,840.03	May Drug Co., The.....	4.04
<i>Apparatus, instruments, and laboratory material.</i>		Merck & Co.....	25.36
Albany Chemical Co.....	72.00	Metz & Son Co., Joseph.....	11.00
Alberene Stone Co.....	54.00	Muth Bros. & Co.....	73.79
American Distilling Co.....	556.26	Moyes Bros. & Cutler.....	9.84
Anderson & Co., P. E.....	26.39	Oettinger, James J.....	3.00
Badische Co.....	10.70	Pacific Drug Co.....	4.42
Baker Chemical Co., J. T.....	2.85	Parke, Davis & Co.....	17.08
Baker & Co. (Inc.).....	\$64.21	Philadelphia Thermometer Co.....	13.70
Baker & Adamson Chemical Co.....	2.08	Plimpton Cowan & Co.....	3.08
Bausch & Lomb Optical Co.....	5,669.68	Pullman, E. J.....	4.55
Becker, Christian.....	448.25	Queen & Co. (Inc.).....	9.30
Berline Aniline Works.....	1.96	Rayl Co., T. B.....	3.40
Bishop & Co., J., Platinum Works.....	97.05	Reeves & Sons, Stacy.....	4.00
Boekel & Co., Wm.....	17.60	Richardson Drug Co.....	10.89
Boomer & Boschert Press Co.....	2.00	Rowley Electric Co., Wm.....	5.00
Bruce & Co., E. E.....	3.80	Sargent & Co., E. H.....	109.31
Brunswick Drug Co.....	13.12	Schloer, Frank H.....	32.50
Budde & Westerman.....	140.50	Schmidt, Fred A.....	2.20
Caire Co., Justman.....	217.70	Scientific Materials Co.....	81.80
Coffin Reddington Co.....	146.82	Shoemaker & Busch.....	210.48
Columbia Photo Supply Co.....	61.95	Snodgrass Drug Co.....	38.70
Cornwell & Co., S. D.....	6.00	Spurlock-Neal Co.....	13.17
Cramer Dry Plate Co., G.....	10.50	Standard Distilling & Distributing Co.....	237.31
Davis & Son (Ltd.), John.....	18.50	Steiger & Co., E.....	8.20
Day Co., J. H.....	6.00	Sussman Photo Stock Co., J.....	29.92
Denver Fire Clay Co.....	25.85	Thomas, Co., Arthur H.....	1,252.94
Doremus Machine Co.....	1.00	Tilson, P. S.....	3.33
Dujardin, J.....	20.44	Trimount Rotary Power Co.....	154.00
Eastern Drug Co.....	208.65	Vandyck, Churchill Co.....	74.00
Eastman Kodak Co.....	40.84	Wagner Glass Works.....	13.00
Edmonds, Perry H.....	18.00	Wallace, Ph. B.....	153.65
Eimer & Amend.....	2,120.30	Watters Laboratories.....	2.63
Faxon & Gallagher Drug Co.....	6.24	Western Distilleries.....	63.23
Flemer, Lewis.....	1,174.47	Whitall, Tatam Co.....	348.61
Flint, Geo. M.....	.75	Wilson, Maehlen Co.....	66.50
Friez, Julien P.....	710.05	Wright & Co., R. G.....	7.60
Fritzsche Bros.....	281.21	Total.....	20,941.66
Gaertner & Co., Wm.....	3.75	<i>Travel and station and field expenses.</i>	
Gimrig & Son, J. H.....	6.70	Adams, Geo. H.....	419.98
Gilman, Z. D.....	1,664.99	Albrech, M. C.....	250.97
Greiner Co., Emil.....	453.61	Alwood, W. B.....	1,032.01
Harms, Herman.....	13.50	Avery, C. S.....	279.92
Hell Chemical Co., Henry.....	112.15	Bailey, C. H.....	350.31
Holmann & Manrer Manufacturing Co.....	6.75	Balcom, R. W.....	226.49
Hoskins Manufacturing Co.....	6.00	Barber, K. G.....	126.88
Home Scale Co.....	7.50	Barker, H. W.....	14.70
International Instrument Co.....	21.33	Barnard, H. E.....	7.06
Izard-Warren Co.....	30.00	Bartlett, G. M.....	125.70
Jacobs Pharmacy Co.....	6.00	Bastable, E. J.....	54.71
Kahler Co.....	12.42	Bates, Carleton.....	207.30
Kahn & Co., Henry.....	10.50	Bender, Wm. A.....	284.86
Kansas City Photo Supply Co.....	20.15	Bidwell, Geo. L.....	25.30
Kelso & Co.....	30.50	Bigelow, W. D.....	754.04
King & Weber.....	5.52	Bisbee, D. B.....	113.36
Knot Apparatus Co., L. E.....	6.95	Bitting, A. W.....	494.41
Kny-Scheerer Co.....	113.15	Boyle, Martin.....	52.65
Langley & Michaels Co.....	15.03	Brinton, C. S.....	133.61
Leadbeater & Sons, E. S.....	26.26	Brown, A.....	612.11
Leese, M. A.....	248.75	Bryan, A. Hugh.....	217.43
Leitz, Ernest.....	27.83	Burke, Charles H.....	35.37
Lentz & Sons, Chas.....	14.70	Burnet, Wallace C.....	108.03
		Callahan, W. H.....	888.79

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Campbell, W. G.	\$1,099.46	Le Febore, C. C.	\$30.12
Chace, E. M.	177.76	Liepsner, F. W.	45.75
Chandler, Louis C.	3.10	Lind, Herman	506.29
Clark, Edmund	3.70	Lloyd, George	21.70
Clowes, Ernest	60.74	Loomis, H. M.	209.01
Coates, C. E.	20.20	Lott, Chas. I.	75.52
Daggett, Alexander S.	26.50	Lourie, H. L.	29.25
Dewey, Ralph	507.22	Lyman, E. R.	55.75
Dodge, C. O.	287.67	Lynch, J. L.	1,088.38
Doolittle, R. R.	1,177.76	McCabe, Geo. P.	543.21
Doyle, Aida M.	134.37	McClelland, Byron	49.25
Dubois, W. L.	185.17	McDonald, E. A.	1,008.74
Duff, Jas. C.	753.63	McGee, W. J.	38.45
Dunbar, P. B.	160.45	McManus, J. J.	798.69
Duncan, R. A.	27.79	Marks, L.	2,030.25
Dunlap, F. L.	316.44	Martin, Charles W.	32.00
Eager, Geo. E.	7.37	Merchant, Jesse	15.75
Eagle, H. R.	21.85	Merrill, Frank D.	115.25
Earnshaw, J. E.	986.68	Meserve, Chas. A.	967.56
Earnshaw, John F.	548.84	Miller, W. C.	485.48
Emery, W. O.	179.97	Mitchell, A. S.	403.26
Eoff, John R.	274.31	Moore, H. C.	1,089.76
Evans, H. B.	1,101.73	Morgan, F. P.	215.90
Fegan, H. J.	172.70	Morgan, Will J.	36.65
Ford, W. T.	717.02	Morris, E. L.	10.99
Forst, Leo B.	9.50	Mory, A. V. H.	171.04
Fuller, F. D.	2.75	Morton, Grant J.	649.06
Gallagher, J. S. G.	304.19	Norwood, H. E.	676.90
Gallant, C. O. S.	62.50	Paine, W. W.	1,424.72
Garber, J. H.	615.35	Pappe, T. F.	279.52
Garner, James R.	396.33	Patrick, G. E.	321.06
Given, A.	73.75	Pearce, E. W.	25.00
Goodnow, E. H.	282.73	Pennington, M. E.	1,504.06
Gore, H. C.	68.90	Pierce, H. C.	1,019.41
Gould, R. A.	278.06	Pitts, Jesse A.	68.16
Graves, William G.	443.43	Postle, S. A.	173.47
Gray, Fred H.	164.50	Raynor, F. B.	502.93
Greene, C. W.	85.31	Raynor, G. A.	1.35
Greenlee, Arden D.	121.38	Read, E. A.	130.44
Hansen, A. W.	80.70	Rex, M. A.	2,678.33
Harris, William B.	18.00	Riley, J. Garfield	238.94
Harrison, C. W.	17.24	Ross, S. H.	607.74
Hart, Benj. R.	243.33	Rusby, H. H.	114.85
Hartigan, Wm. H.	323.83	St. John, E. Q.	206.38
Hartman, B. G.	145.97	Salant, William	172.12
Haynes, Herman W.	137.99	Satre, Alfred M.	5.15
Haywood, J. K.	164.47	Schulz, Henry L.	95.80
Herstein, Bernard	15.25	Seeker, Albert F.	34.45
Hesse, Bernhard C.	15.72	Seil, Harvey A.	122.40
Hillyer, Wm. E.	76.85	Shanley, Edward J.	30.65
Hiltner, R. S.	10.10	Shepard, James H.	222.30
Hilts, R. W.	306.10	Shively, Rex	53.25
Hirsch, Rudolph	31.35	Skinner, W. W.	143.38
Hollyday, H. B. P.	55	Smith, B. H.	450.70
Holton, C. E.	796.28	Smith, Claude R.	49.50
Hoover, Geo. W.	2.85	Smith, C. T.	923.52
Houghton, H. W.	19.65	Stafford, M. O.	364.04
Howard, B. J.	220.47	Stengel, Arthur	743.02
Hudson, C. S.	18.29	Stephenson, Chas. H.	65.50
Jacobs, Ben R.	108.45	Stiles, Geo. W., jr.	722.81
Jenkins, Minnie	67.05	Sudler, O. R.	1,213.94
Jenkins, W. H.	813.16	Sullivan, A. L.	133.40
Jones, W. P.	29.45	Sy, Albert P.	9.84
Judge, A. I.	766.48	Taylor, Alfred E.	98.95
Keblor, L. F.	988.10	Thom, Charles	20.35
Keister, Jno. T.	13.05	Tolman, L. M.	267.32
Kimberly, Charles H.	274.45	Veitch, F. P.	123.32
Kitchen, H. C.	1,445.29	Wagner, H. H.	1,337.93
Knisley, A. L.	119.93	Walsh, D. M.	1,872.67
Leach, A. E.	117.60	Weber, F. C.	146.63
Le Clerc, J. A.	76.78	Wessling, Hannah L.	311.65
		Wharton, W. R. M.	1,352.94

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (food and drugs act), \$662,460"*—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Wichmann, H. J.....	\$78. 60	Witmer, Evelyn.....	\$1,009. 58
Wilcox, B. B.....	81. 54	Wollard, Frank L.....	1,165. 73
Wilcox, E. L.....	68. 20	Woodruff, F. O.....	63. 10
Wiley, H. W.....	415. 47	Young, Floyd D.....	99. 95
Wilkinson, Sydney.....	92. 88	Young, Robert.....	1,342. 60
Winslow, B. C.....	1,484. 68		
Winton, A. L.....	918. 06	Total.....	66,574. 75

Total amount of appropriation.....\$662,460. 00  
Total expenditures under above groups.....588,881. 98

Unexpended balance on Aug. 31, 1910.....73,578. 02  
Repayments to credit of appropriation.....89. 78

Net unexpended balance.....73,667. 80  
Outstanding liabilities (estimated).....30,607. 34

Balance to be turned back in Treasury (estimated).....43,060. 46

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (referee board), \$75,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Chittenden, R. H.....	Consulting scientific expert, at \$2,000.....	\$2,000. 00	\$362. 53
Herter, Christian A.....	do.....	2,000. 00	82. 05
Long, John H.....	do.....	2,000. 00	647. 65
Remsen, Ira.....	do.....	2,000. 00	376. 01
Taylor, Alonzo E.....	do.....	1,999. 98	514. 00
Antoni, William.....	Expert chemist, at \$1 per hour.....	614. 00	
Blasdale, W. C.....	do.....	384. 00	
Hoagland, D. R.....	do.....	1,323. 00	
Lea, E. J.....	do.....	922. 00	
McCreary, P. L.....	do.....	1,169. 00	
Mehrtens, A. R.....	do.....	420. 00	
Stewart, G. R.....	do.....	1,013. 00	
Winkler, John.....	do.....	989. 00	
Furlong, Irving.....	Expert chemist, at \$150 per month and \$175 per month.....	1,550. 00	
Schmidt, C. A. L.....	do.....	1,635. 00	
Robertson, T. B.....	Expert chemist, at \$100 per month.....	800. 00	
Wasteneys, Harold.....	do.....	376. 59	
Jane, W. T.....	Expert chemical assistant, at \$75 per month.....	675. 00	
Williams, Wm. R.....	Expert pathologist, at \$150 per month.....	980. 00	
Wakeman, Alfred J.....	Expert analyst, at \$250 per month.....	2,450. 00	23. 62
Kober, Philip A.....	Expert analyst, at \$150 per month.....	675. 00	
Baldwin, Helen.....	Expert analyst, at \$75 per month.....	667. 50	
Dakin, Henry D.....	Chemical expert, at \$150 per month.....	505. 00	
Sawyer, Wilbur A.....	Expert physician, at \$125 per month.....	875. 00	
Reinhardt, George F.....	Expert physician, at \$70 per month.....	140. 00	
Kober, George.....	Expert laboratory helper, at \$35 per month.....	301. 00	
Furnstal, Arthur.....	Expert laboratory helper, at \$32 per month and \$40 per month, and expert, at \$40 per month.....	329. 05	
Amberg, Samuel.....	Expert, at \$1 per hour.....	750. 00	215. 39
Underhill, Frank P.....	Expert, at \$250 per month.....	1,500. 00	
Thacher, John S.....	Expert, at \$200 per month.....	400. 00	
Buhlig, Walter H.....	Expert, at \$150 per month and \$125 per month.....	1,375. 00	
Gephart, Frank C.....	Expert, at \$150 per month.....	1,800. 00	



## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (referee board), \$75,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lyle, William G.	Expert, at \$150 per month	\$300.00	
Retiger, L. F.	do.	450.00	
Holter, W. E.	Expert, at \$125 per month	437.50	
Ten Broeck, Carl.	Expert, at \$100 per month, \$75 per month, \$50 per month, and \$100 per month.	775.00	
Long, Albert S.	Expert, at \$100 per month.	1,070.00	
Smith, Theobald.	Expert, at \$1,000.	416.65	
Hunt, Geo. MacMonnies.	Expert, at 50 cents per hour.	114.50	
Huber, Joseph E.	Expert, at \$80 per month	416.00	
Johnson, Wm. A.	Expert, at \$80 per month and \$40 per month.	260.00	
McLeod, Andrew F.	Expert, at \$80 per month	173.33	
Markovits, Theodor	do.	640.00	
Myers, Rollin G.	do.	690.67	
Pennell, A. Gartside.	do.	173.33	
Peterson, John B.	do.	800.00	
Thomas, Lawrence.	do.	173.33	
Turner, William D.	do.	720.00	
Wreath, Samuel R.	do.	592.00	
Wussow, August F.	do.	720.00	
Buchbinder, Jacob R.	Expert, at \$50 per month	150.00	
Mendelson, Ralph W.	do.	200.00	
Smith, Charles H.	do.	150.00	
Cummins, Erwin J.	Expert, at \$25 per month	162.50	
Gibson, W. Stanley	do.	162.50	
Jaros, Joseph F.	do.	50.00	
Nusbaum, Payson L.	Expert, at \$25 per month and \$50 per month.	195.83	
McLean, Harry H.	Agent and expert, at \$90 per month	855.00	
Few, Miriam.	Agent and expert, at \$25 per month	125.00	
Leaf, Hugh M.	do.	62.50	
Downs, Charles R.	Special agent, at \$80 per month	240.00	
Ferry, Edna L.	do.	240.00	
Guest, Herbert H.	do.	240.00	
Hutchins, Harold L.	do.	240.00	
Macomber, Miner S.	do.	240.00	
Myers, Ralph E.	do.	240.00	
Peck, Harley T.	do.	240.00	
Rose, Wm. C.	do.	240.00	
Tyrell, Mabel A.	Special agent, at \$50 per month	300.00	
Miller, John W.	Agent, at \$1.12 per diem.	15.68	
Bailey, Samuel E.	Collaborating subject for experimentation, at \$30 per month.	640.00	
Cleary, Ernest W.	Collaborating subject for experimentation, at \$50 per month.	458.00	
Dozier, Linwood.	do.	218.00	
Hoag, Carl L.	do.	458.00	
Howe, Warren L.	do.	188.00	
Jane, Thomas H.	do.	458.00	
Powell, Dewey R.	do.	218.00	
Prince, Lionel D.	do.	240.00	
Sweet, Clifford D.	do.	458.00	
Davison, William H.	Collaborating subject for experimentation, at \$50 per month.	100.00	
Nyquist, Carl.	Collaborating subject for experimentation, at \$30 per month.	221.00	
Bice, Delmar F.	Collaborating subject for experimentation, at 56 cents per diem.	7.84	
Fountain, Edwin R.	do.	7.84	
Hammer, Arthur W.	do.	7.84	
Koch, Summer L.	do.	7.84	
Newton, Abe M.	do.	7.84	
Stewart, Lynn D.	do.	7.84	
O'Brien, Edward.	Janitor and collaborating subject for experimentation, at \$50 per month.	458.33	
Gwilliam, Laura.	Collaborating stenographer, at \$25 per month	300.00	
Dawson, A. L.	Expert cook, at \$80.50 per month	644.00	
Clifford, Mary L. R.	Housekeeper, at \$22.50 per month	90.00	
Dawson, Mattie.	do.	90.00	
Total		53,155.81	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (referee board), \$75,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Dalton Adding Machine Co. ....	\$4.25	Breuner Co., John. ....	\$2.70
McClurg & Co., A. C. ....	6.40	Gorman Furniture & Manufacturing Co. ....	27.00
Meyer Bros. ....	38.05	Total. ....	29.70
Smith Bros. (Inc.) ....	3.00		
Students' Cooperative Society. ....	85.25		
Total. ....	136.95		
<i>Miscellaneous supplies, etc.</i>		<i>Fuel.</i>	
Austin, Nichols & Co. ....	.70	Foss & Co., F. W. ....	110.15
Battin, Frances E. ....	709.73		
Berkeley Press. ....	11.50	<i>Freight.</i>	
Berkshire Market. ....	254.63	Logan Express. ....	3.25
Bowman Dairy Co. ....	201.19	Students Express & Transfer Co. ....	3.00
Burroughs Adding Machine Co. ....	10.00	Total. ....	6.25
Butterfield, F. L. ....	62.90		
Cooley Hardware Co. ....	5.35	<i>Exprcss.</i>	
Daugherty, Jas. T. ....	1.00	United States Express Co. ....	1.30
Davison, B. F. ....	34.05		
Electric House Renovating Co. ....	18.45	<i>Telegraph.</i>	
Electric Wire & Repairing Co. ....	1.75	Postal Telegraph-Cable Co. ....	1.07
Fair, The. ....	38.39	Western Union Telegraph Co. ....	1.48
First National Bank. ....	12.00	Total. ....	2.55
Golden Sheaf Bakery. ....	72.74		
Griffin & Skelley Co. ....	20.50	<i>Telephone.</i>	
Harmegnies & Howell. ....	21.75	Pacific Telegraph & Telephone Co. ....	18.45
Heeseman (Inc.), C. J. ....	8.30		
Hopkins, Co., J. A. ....	7.50	<i>Rent.</i>	
Hughes Grocery Co. ....	14.45	Gaynor, Sarah G. ....	432.00
Hygienic Ice Co. ....	36.43	Gibbs, Maggie A. ....	16.00
Inderrieden Co., J. B. ....	45.68	Litchfield, S. S. ....	495.00
Jane, Thos. H. ....	83.00	Sauerberg, C. E., agent. ....	90.00
Jarvis Hardware Co., E. L. ....	98.25	Total. ....	1,033.00
Knickerbocker Ice Co. ....	60.30		
Lehmaier, Schwartz & Co. ....	6.00	<i>Gas and electricity.</i>	
Manhattan Laundry Co. ....	47.37	Berkeley Electric Lighting Co. ....	92.01
Maxwell Hardware Co. ....	6.95	Consolidated Gas Co. of New York. ....	47.92
Montague & Co., W. W. ....	15.00	New York Edison Co. ....	55.00
Mueller's Pharmacy. ....	4.50	Oakland Gas Light & Heat Co. ....	26.37
Nathan-Dohrmann Co. ....	38.36	University of California, regents of. ....	245.49
Newbauer & Co., J. H. ....	254.08	Total. ....	466.79
Northwestern University Medical School. ....	562.31		
Osgood, Alfred T. ....	45.00	<i>Apparatus, instruments, and laboratory material.</i>	
Pacific Woodenware & Paper Co. ....	6.00	Bausch & Lomb Optical Co. ....	169.72
Peoples Water Co. ....	13.10	Bowman & Co. ....	33.55
Rand, Richard F. ....	215.00	Braun-Knecht-Heimann Co. ....	1,444.56
Sell Co., S. J. ....	3.00	Caire Co., Justinian. ....	1,594.68
Serienti, Antonio. ....	7.50	Carbonic Dioxide Corporation. ....	5.50
Sheffield Scientific School. ....	380.29	Eimer & Amend. ....	530.18
Shuey & Co., M. H. ....	890.05	Keuffel & Esser Co. ....	45.00
Sign of the Bear. ....	118.45	Lamont, G. E. ....	14.90
Spot Cash Fruit Market. ....	391.75	Leitz, Ernest. ....	11.60
Sprague, Warner & Co. ....	49.50	Sargent & Co., E. H. ....	2,156.93
Stoddard, George. ....	273.51	Schluter & Co., A. ....	4.25
Students Cooperative Society. ....	6.25	University of California, regents of. ....	36.00
Students Laundry Agency. ....	20.06	Whitall Tatum Co. ....	18.00
Sunset Grocery Co. ....	101.80	Wood Waste Products Co. ....	16.62
Troy Laundry Machinery Co. (Ltd.). ....	12.60		
University of California, regents of. ....	449.10		
Walliser, Gustav. ....	1,254.15		
Walters Surgical Co. ....	20.75		
Wear, Frank F. ....	20.00		
West Lake Laundry. ....	52.77		
Western Electric Co. ....	86.42		
Wight Co., F. J. ....	4.00		
Williamson & Curran. ....	71.15		
Total. ....	7,287.31	Total. ....	6,082.11

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Chemistry, 1910 (referee board), \$75,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Amberg, Samuel.....	\$215.39	Taylor, Alonzo E.....	\$514.00
Chittenden, Russell H.....	362.53	Wakeman, Alfred J.....	123.62
Herter, C. A.....	82.05		
Long, John H.....	647.65	Total.....	2,321.25
Remsen, Ira.....	376.01		
Total amount of allotment.....		\$75,000.00	
Total expenditures under above groups.....		70,651.62	
Unexpended balance on Aug. 31, 1910.....		4,348.38	
Outstanding liabilities (estimated).....		579.19	
Balance to be turned back in Treasury (estimated).....		3,769.19	

## RECAPITULATION.

Statutory salaries.....	\$74,798.89
Lump-fund salaries:	
In Washington.....	219,719.97
Outside of Washington.....	285,054.29
Stationery.....	5,573.63
Miscellaneous supplies and services, equipment, books, machinery, etc.....	83,976.96
Furniture.....	10,116.76
Fuel.....	110.15
Freight.....	840.74
Express.....	3,105.54
Telegraph.....	1,715.93
Telephone.....	2,231.60
Rent.....	38,040.37
Gas and electricity.....	5,414.71
Apparatus, instruments, and laboratory material.....	33,896.94
Travel and station and field expenses.....	72,528.82
Total for entire Bureau of Chemistry.....	837,125.30
Total amount of appropriations.....	930,560.00
Total expenditures under above groups.....	837,125.30
Unexpended balance on Aug. 31, 1910.....	93,434.70
Repayments to credit of appropriations.....	92.78
Net unexpended balance.....	93,527.48
Outstanding liabilities (estimated).....	33,549.08
Balance to be turned back in Treasury (estimated).....	59,978.40

## PROJECTS.

The principal projects conducted by the Bureau of Chemistry during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

*Laboratory (including \$12,573.20 statutory salaries).*

Office; administrative, clerical, and editorial.....	\$14,505.98
Contracts, tests, and investigations.....	23,004.86
Leather and paper tests and investigations.....	16,162.74
Vegetable physiological tests and investigations.....	14,548.40
Miscellaneous tests and investigations.....	7,787.43
Sugar tests and investigations.....	7,752.26
Washington food division.....	12,593.47
Washington drug division.....	2,251.00
Microchemical tests and investigations.....	850.00
Bacteriological tests and investigations.....	733.00



Dairy tests and investigations.....	\$1,784.50
Study of special problems.....	2,483.53
Nitrogen tests and investigations.....	2,250.18
Investigating chemical and physical tests applied to American food products.....	4,968.75
Enological tests and investigations.....	6,049.46

Total..... 117,725.56

*Food and drugs act (including \$62,225.69 statutory salaries).*

Office; administrative, clerical, and editorial.....	54,763.19
Food and drug inspection and investigation:	
Washington food division.....	68,752.75
Washington drug division.....	54,437.53
Branch food and drug inspection laboratories:	
New York laboratory.....	43,297.78
Chicago laboratory.....	20,730.54
Boston laboratory.....	13,091.18
San Francisco laboratory.....	11,075.63
Denver laboratory.....	9,344.59
St. Paul laboratory.....	8,199.96
Cincinnati laboratory.....	8,612.62
Buffalo laboratory.....	7,166.55
Seattle laboratory.....	8,094.03
Kansas City laboratory.....	6,290.11
Portland laboratory.....	6,795.22
St. Louis laboratory.....	6,749.16
Philadelphia laboratory.....	7,314.48
New Orleans laboratory.....	5,187.43
Omaha laboratory.....	5,649.04
Pittsburg laboratory.....	6,892.31
Detroit laboratory.....	6,104.57
Galveston laboratory.....	5,610.53
Savannah laboratory.....	5,085.19
Nashville laboratory.....	4,916.22
Honolulu laboratory.....	2,464.00
Food and drug inspectors.....	120,820.32
Food research work.....	26,162.69
Enological tests and investigations.....	11,304.60
Miscellaneous tests and investigations.....	30,169.36
Animal physiological tests and investigations.....	12,799.01
Vegetable physiological tests and investigations.....	2,455.85
Dairy tests and investigations.....	12,654.72
Microchemical tests and investigations.....	11,103.55
Bacteriological investigations.....	11,392.83
Sugar tests and investigations.....	8,236.00
Leather and paper tests and investigations.....	2,119.24
Contracts, tests, and investigations.....	845.33
Nitrogen tests and investigations.....	4,660.00
Collaboration with State officials.....	4,166.77
Study of special problems.....	989.00
Board of food and drug inspection.....	13,222.44
Referee board of scientific experts.....	71,230.81
Fees to expert witnesses.....	31,898.91

Total..... 752,856.04

*Total of all projects of the Bureau of Chemistry.*

Laboratory, including \$12,573.20 statutory salaries.....	117,725.56
Food and drugs act, including \$62,225.69 statutory salaries.....	752,856.04
Total.....	870,581.60

## BUREAU OF SOILS.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation*  
*"Salaries, Bureau of Soils, 1910, \$35,500."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Whitney, Milton.....	Chief of bureau, at \$3,500.....	\$3,500.00	\$125.07
Rice, A. G.....	Chief clerk, at \$2,000.....	2,000.00	
Drake, Chas. A.....	Clerk, class 4.....	1,800.00	
Seaton, Chas. H.....	do.....	1,800.00	
Wolfe, C. A.....	Clerk, class 3.....	1,560.00	
Clevenger, O. B.....	Clerk, class 2.....	1,386.38	
King, C. B.....	do.....	1,400.00	
Patterson, M. W.....	do.....	1,400.00	
Cummings, R. F.....	Clerk, class 1.....	1,200.00	
Dickson, E. J.....	do.....	1,200.00	
Flavin, P. T.....	do.....	1,170.93	
Kemper, jr., J. M.....	do.....	1,200.00	
McKreicher, J. W.....	do.....	1,200.00	
Stewart, Janette.....	do.....	1,200.00	
Wieser, L.....	Draftsman, at \$1,200.....	1,200.00	
Briscoe, A. J.....	Draftsman, at \$1,000.....	1,000.00	
Ash, Geo. T.....	Clerk, at \$1,000.....	1,000.00	
Hodge, Frederic E.....	do.....	1,000.00	
Hutchins, W. A.....	do.....	1,000.00	
Sturgis, A. G.....	do.....	1,000.00	
Haygood, Serena.....	Clerk, at \$840.....	840.00	
Howe, Sarah W.....	do.....	835.33	
Pe vare, John F.....	do.....	840.00	
Elsner, E. C.....	Carpenter, at \$840.....	840.00	
Bonde, R. J.....	Photographer, at \$1,200.....	1,200.00	
Bresnahan, M.....	Messenger, at \$720.....	720.00	
King, Chas. W.....	Laborer, at \$480.....	480.00	
Williams, E. A.....	Laborer, at \$600.....	600.00	
Brown, M. L.....	Charwoman, at \$480.....	480.00	
Masi, J. W.....	Messenger boy, at \$360.....	360.00	
Total.....		35,412.64	

Total amount of above appropriation.....	\$35,500.00
Total amount paid for salaries.....	35,412.64
Unexpended balance.....	87.36

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation*  
*"General expenses, Bureau of Soils, 1910 (soil laboratory investigations), \$48,500"*  
*(original subappropriation of \$48,000 increased by transfer of \$500 from soil water investigations).*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cameron, F. K.....	Soil scientist, at \$3,250.....	\$3,250.00	
Schreiner, Oswald.....	Soil scientist, at \$3,000.....	3,000.00	\$82.73
Bell, James M.....	Soil scientist, at \$2,000.....	2,000.00	244.69
Failyer, G. H.....	do.....	2,000.00	39.45
Patten, H. E.....	do.....	2,000.00	
Shorey, E. C.....	do.....	2,000.00	
Sullivan, M. X.....	do.....	2,000.00	
Robinson, W. O.....	Soil scientist, at \$1,800.....	1,800.00	
Skinner, J. J.....	Soil scientist, at \$1,620.....	1,620.00	
Smith, J. G.....	do.....	1,620.00	
Free, Edward E.....	Soil scientist, at \$1,600.....	1,600.00	325.25
Reid, F. R.....	do.....	1,600.00	

## BUREAU OF SOILS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil laboratory investigations), \$48,500"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Blanch, F. C.	Soil scientist, at \$1,500	\$1,500.00	
Fletcher, C. C.	Soil scientist, at \$1,400	1,400.00	
McCaughy, W. J.	Soil scientist, at \$1,400 and \$1,600	1,491.67	
Beattie, J. H.	Soil scientist, at \$1,200	1,200.00	
Gardiner, R. F.	do.	1,163.33	
Lathrop, E. C.	do.	1,200.00	
Waggaman, W. H.	do.	1,200.00	\$376.73
Winckelmann, Henry	do.	1,200.00	20.40
Stuntz, S. C.	Soil bibliographer, \$1,400	1,400.00	
Brown, B. E.	Scientist, at \$1,800	1,800.00	21.58
Davis, Royall O. E.	Scientist, at \$1,600	1,000.01	
Bryan, Harry	Mechanician, at \$1,200, and scientist, at \$1,400	1,266.67	
Jackson, A. M.	Inspector, at \$1,200, and laboratory aid, at \$1,200	1,200.00	25.95
Stark, Carl C.	Laboratory helper, at \$720, and scientist, at \$1,200	880.00	
Page, William B.	Laboratory helper, at \$720, and scientist, at \$1,000	813.34	
Studds, Wm.	Laborer, at \$45 per month	360.00	
Total		43,565.02	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Cornell Cooperative Society	\$11.25	Murphy Co. (Inc.), E. J.	\$11.77
Morrison Paper Co., E.	.27	Muth & Co., Geo. F.	1.75
Schmidt, Fred A.	4.25	National Carbon Co.	3.41
Total	15.77	National Electrical Supply Co.	12.70
<i>Miscellaneous supplies, etc.</i>		National Mortar Co.	.70
Alberene Stone Co.	275.00	Niebel, August.	3.75
American Hard Rubber Co.	18.17	Pratt & Whitney Co.	34.63
Banks & Co., F. S.	2.65	Rudolph & West Co.	37.11
Barber & Ross.	4.79	Seneca Falls Manufacturing Co.	4.85
Bishop & Co. Platinum Works, J.	10.10	Shriver & Co., T.	1.55
Bolgiano & Co., F. W.	15.80	Standard Engineering Co.	27.00
Buckley, John W.	3.39	Stuart & Peterson Co.	70.50
Burchell, N. W.	3.40	Tomlinson, W. Harold	12.00
Cabot, Godfrey L.	12.50	Walford, D. N.	8.00
Catlin Co., Elmer H.	4.40	Wards Natural Science Establishment.	5.65
Contingent expenses, Department of		White, Fred J.	1.05
Agriculture	251.73	Whyte, Warren M.	25.00
Douglas, W. H.	4.50	Wiegand, Martin	85.00
Dulin & Martin	4.50	Williams, Brown & Earle	33.00
D. & W. Fuse Co.	4.76	Woodward & Lothrop	1.26
Edmonston, Chas. R.	47.04	Total	1,351.56
Ennis & Son, Geo. T.	11.94	<i>Freight.</i>	
Espey, Jno. B.	2.95	Knox Express Co.	5.00
Fleischmann Co.	1.40	<i>Apparatus, instruments, and laboratory material.</i>	
General Fireproofing Co.	153.50	Bausch & Lomb Optical Co.	456.34
Glaze, A. C.	3.00	Bishop & Co., Platinum Works, J.	11.50
Grand, J. L.	3.50	Boyd & Co., F. O.	69.14
Harrington & King Perforating Co.	11.50	Buffalo Dental Manufacturing Co.	32.00
Harris, W. J.	7.50	Burch & Kleps.	2.00
Hungerford Brass & Copper Co., U. T.	.51	Eastern Kodak Co.	12.60
James & Son, Wm.	8.00	Eimer & Amend	566.96
Joyce Engraving Co., The Maurice	6.82	Flemer, Lewis	50.74
Kann's Sons & Co., S.	1.00	Fuess, R.	31.65
Lambie Co. (Inc.), James B.	89.32		
Manhattan Electric Supply Co.	6.00		
Mitchell Co., M. C.	1.21		



## BUREAU OF SOILS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil laboratory investigations), \$48,500"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Gilman, Z. D. ....	\$103.96	Whitall, Tatum Co. ....	\$107.92
Greiner, Emil. ....	16.98	Williams, Brown & Earle. ....	85.00
Hurley, J. E. ....	10.00	Wilson-Maculen Co. ....	65.88
Kny-Scheerer Co. ....	6.60	Total. ....	2,308.21
Leeds & Northrup Co. ....	13.00		
Leese, M. A. ....	7.50	<i>Travel and station and field expenses.</i>	
Luthin, R. H. ....	23.40	Bell, James M. ....	244.69
McKee Surgical Instrument Co. ....	6.05	Brown, B. E. ....	21.58
Mackall Bros. ....	313.30	Failyer, Geo. H. ....	39.45
Mallinckrodt Chemical Works. ....	35.55	Free, Edward E. ....	325.25
Merk & Co. ....	58.63	Jackson, A. M. ....	25.95
Muth Bros. & Co. ....	18.05	Schreiner, Oswald. ....	82.73
Philadelphia Thermometer Co. ....	6.00	Waggaman, W. H. ....	376.73
Pullman, E. J. ....	5.25	Winckleman, Henry. ....	20.40
Queen & Co., (Inc.) ....	17.90	Total. ....	1,136.78
Sargent & Co., E. H. ....	22.50		
Shoemaker & Busch. ....	3.10		
Thomas, Arthur H. ....	148.71		

Total amount of appropriation. .... \$48,500.00  
 Total expenditures under above groups. .... 48,382.34

Unexpended balance on Aug. 31, 1910. .... 117.66  
 Repayments to credit of appropriation. .... 229.95

Net unexpended balance. .... 347.61  
 Outstanding liabilities (estimated). .... 328.00

Balance to be turned back in Treasury (estimated). .... 19.61

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil water investigations), \$4,500" (original subappropriation of \$5,000 decreased by transfer of \$500 to soil laboratory investigations).*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
McGee, W J .....	Expert, at \$3,000. ....	\$3,000.00	.....

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil water investigations), \$4,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Ballantyne, R. Carter.....	\$45.00	Globe-Wernicke Co.....	\$284.50
Lincoln, Fred S.....	10.50	Moses & Sons, W. B.....	21.68
Schmidt, Fred A.....	12.50		
United States Envelope Co.....	42.72	Total.....	306.18
Total.....	110.72	<i>Travel and station and field expenses.</i>	
<i>Miscellaneous supplies, etc.</i>		McGee, W. J.....	720.22
Contingent expenses, Department of			
Agriculture.....	29.58		
Navy Department.....	21.98		
Remington Typewriter Co.....	80.00		
Robbins & Myers Co.....	33.90		
Total.....	165.46		

Total amount of appropriation.....	\$4,500.00
Total expenditures under above groups.....	4,302.58
Unexpended balance on Aug. 31, 1910.....	197.42
Outstanding liabilities (estimated).....	0.00
Balance to be turned back in Treasury (estimated).....	197.42

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil survey), \$137,360."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bonsteel, J. A.....	Soil scientist, at \$3,250.....	\$3,250.00	\$221.85
Dorsey, C. W.....	Soil scientist, at \$3,000.....	250.00	
Lapham, J. E.....	Soil scientist, at \$2,040.....	2,040.00	542.96
Bassett, C. C.....	Soil scientist, at \$1,620.....	1,620.00	83.34
Coffey, George N.....	Scientist, at \$2,000.....	1,166.67	809.89
Lapham, M. H.....	do.....	1,166.67	526.06
Bennett, H. H.....	Scientist, at \$1,800.....	1,800.00	924.90
Carr, M. Earl.....	do.....	1,685.00	703.70
Hearn, W. E.....	do.....	300.00	1,247.21
Wilder, H. J.....	do.....	750.00	667.40
Jones, G. B.....	Scientist, at \$1,620.....	270.00	1,184.83
McLendon, W. E.....	Scientist, at \$1,600.....	266.67	772.98
Mangum, A. W.....	do.....	666.67	907.63
Maynadier, G. B.....	Scientist, at \$1,400.....	1,283.33	1,146.39
Kolbe, L. A.....	Scientist, at \$1,200.....	600.00	443.38
Lee, Ora, jr.....	do.....	226.67	408.57
Wood, P. O.....	Scientist, at \$1,000.....	166.66	1,284.35
Zappone, C. R., jr.....	Agent, at \$50 per month.....	286.67	313.59
Baumann, Geo. W.....	Clerk, class 4.....	1,800.00	
Strong, Blanche.....	Clerk, class 1.....	1,100.00	
Eastwood, E. M.....	Draftsman, at \$1,200.....	1,040.00	
Gannett, M. F.....	do.....	650.00	
Total.....		22,385.01	
<i>Out of Washington.</i>			
Mackie, W. W.....	Scientist, at \$2,000.....	72.22	
Smith, W. G.....	do.....	2,000.00	1,339.10
Bennett, Frank.....	Scientist, at \$1,800.....	1,800.00	1,195.35
Hearn, W. E.....	do.....	1,500.00	

## BUREAU OF SOILS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil survey), \$137,360"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Rice, Thomas D.	Scientist, at \$1,800.	\$1,800.00	\$1,568.81
Sweet, A. T.	do.	1,800.00	816.63
Wilder, H. J.	do.	1,050.00	.....
Gelb, W. J.	Scientist, at \$1,620.	1,620.00	1,323.33
Jones, G. B.	do.	1,350.00	.....
Kocher, A. E.	do.	1,620.00	1,731.80
Winston, R. A.	do.	1,620.00	1,230.56
McLendon, W. E.	Scientist, at \$1,600.	1,333.33	.....
Mangum, A. W.	do.	933.33	.....
Mooney, C. N.	do.	1,600.00	927.66
Nelson, J. W.	do.	1,600.00	1,221.65
Strahorn, A. T.	do.	1,600.00	1,165.41
Mann, C. W.	Scientist, at \$1,440.	720.00	.....
Westover, H. L.	do.	1,440.00	1,448.01
Britton, J. C.	Scientist, at \$1,400.	1,400.00	1,312.18
Holmes, L. Carl.	do.	1,400.00	1,492.71
Hurst, L. A.	do.	1,400.00	762.21
Mann, C. J.	do.	1,400.00	1,060.56
Maynadier, G. B.	do.	116.67	.....
Meeker, F. M.	do.	350.00	.....
Tharp, W. E.	do.	1,400.00	884.21
Watson, E. B.	do.	1,400.00	813.55
Worthen, E. L.	do.	291.66	244.99
Shaw, Charles F.	Scientist, at \$1,400; collaborator, at \$60; and scientist, at \$1,400.	502.78	447.79
Burke, R. T. Avon	Scientist, at \$1,200.	1,200.00	1,199.16
Jennings, Henry	do.	1,200.00	713.48
Kolbe, L. A.	do.	600.00	.....
Lee, Ora, jr.	do.	600.00	.....
Smith, H. C.	do.	1,200.00	855.57
Waldrop, Charles S.	do.	1,070.00	730.47
Willard, Rex E.	do.	1,200.00	1,540.39
Allen, R. T.	Scientist, at \$1,000.	1,000.00	1,367.64
Byers, W. C.	do.	888.90	536.32
Crabb, George A.	do.	250.00	205.64
Eckmann, Emil C.	do.	658.34	441.09
Ferguson, J. E.	do.	1,000.00	1,003.67
Hardison, R. B.	do.	1,000.00	1,268.66
Higgins, A. L.	do.	1,000.00	1,679.40
Latimer, W. J.	do.	1,000.00	459.89
Long, David D.	do.	944.45	907.11
Lounsbury, Clarence.	do.	1,000.00	827.31
Van Durne, Cornelius.	do.	1,000.00	899.46
Welsh, Frederice S.	do.	938.89	813.88
Wood, P. O.	do.	833.34	.....
Coffey, George N.	Soil scientist, at \$2,000.	833.33	.....
Lapham, Macy H.	do.	833.33	.....
Carter, W. T., jr.	Soil scientist, at \$1,800.	1,800.00	1,545.48
Rowe, R. W.	Tobacco soil expert, at \$1,440.	720.00	372.09
Marbut, Curtis F.	Special agent, at \$7 per diem.	560.00	388.77
Whitson, Andrew R.	Field agent, at \$7 per diem.	112.00	39.70
Fippin, E. O.	Field agent, at \$5 per diem.	135.00	.....
Goodman, A. L.	Field agent, at \$75 per month.	375.00	.....
Spann, W. M.	do.	375.00	.....
Zappone, C. R., jr.	Agent, at \$50 per month.	250.00	.....
Bopp, J. V.	Local agent, at \$2 per diem.	98.00	141.36
Avary, Phillip H.	Collaborator, at \$1.	1.00	.....
Brinkley, L. L.	do.	.75	27.25
Cameron, Andrew D.	do.	1.00	12.25
Conrey, Guy	Collaborator, at \$1, and special field agent at \$1,000.	145.05	153.87
Drane, Frank P.	Collaborator, at \$1.	.25	17.35
Dunnewald, T. J.	do.	.17	.....
Frost, V. J.	do.	.25	.....
Gross, Wilmer E.	do.	.17	.....
Hall, E. B.	do.	.12	.....
Hallock, D. J.	do.	.25	.....
Krusekopf, Herman.	do.	.96	53.80
Kuhlman, A. H.	do.	.17	.....
Lett, William L.	do.	1.00	.....



## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil survey), \$137,360"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Meyer, A. H.	Collaborator, at \$1.....	\$0.17	.....
Musback, F. L.	do.....	.25	.....
Owen, Irving L.	do.....	.29	.....
Schoenmann, Le Roy A.	do.....	.25	.....
Skemp, Leo N.	do.....	.17	.....
Spraker, E. B.	do.....	.12	.....
Tillman, Benjamin W.	do.....	.29	.....
Truog, Emil.	do.....	.75	.....
Williams, H. F.	do.....	.29	.....
Total.....	.....	59,949.29	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Andrews Paper Co., R. P.	\$7.74	Eimer & Amend.	\$15.00
Ballantyne, R. Carter.	121.13	Flemer, Lewis.	17.64
Dixon Crucible Co., Jos.	1.38	Gilman, Z. D.	8.38
Morrison Paper Co., E.	4.50	Gurley, W. & L. E.	616.10
Schmidt, Fred A.	25.20	Leese, M. A.	150.95
Stott & Co., Chas. G.	47.30	Lewis, J. L.	6.85
Technical Supply Co.	1.84	Luthin, R. H.	3.45
Total.....	209.09	Mackall Bros.	7.27
<i>Miscellaneous supplies, etc.</i>		Muth Bros. & Co.	41.65
Abercrombie & Fitch Co.	44.55	Post Card & Kodak Shop.	5.40
Becker & Co., Chas.	3.90	Pullman, E. J.	4.10
Bien Co., Julius.	15.00	Schmidt, Fred A.	1.45
Bullinger, E. W.	3.25	Shoemaker & Busch.	7.20
Clarke Co., R. P.	61.83	Webb & Bocorsekki.	1.30
Collins, J. Ross.	45.73	Total.....	1,069.21
Contingent expenses, Department of Agriculture.	104.56	<i>Travel and station and field expenses.</i>	
Davis Co., S. H.	33.00	Allen, R. T.	\$1,367.64
Dulin & Martin.	66.00	Bassett, C. C.	83.34
Estler Son, T. W.	1.50	Bennett, Frank.	1,195.35
Fuchs & Lang Manufacturing Co.	7.75	Bonsteel, J. A.	221.85
General Land Office.	6.40	Bopp, J. V.	141.36
Guy, Curran & Co.	.50	Brinkley, L. S.	27.25
Hellmuth, Charles.	1.50	Britton, J. C.	1,312.18
Hurley, J. E.	6.00	Burke, R. T. Avon.	1,199.16
Killian Co., Geo. P.	4.32	Byers, W. C.	536.32
Kneess's Son, K.	25.50	Cameron, A. D.	12.25
Kritch, Chas. E.	1.25	Carr, M. Earl.	703.70
Lambie Co. (Inc.), Jas. B.	36.00	Carter, W. T., Jr.	1,545.48
Muth & Co., Geo. F.	208.04	Coffey, George N.	809.89
Rand, McNally & Co.	12.50	Conrey, Guy.	153.87
Reclamation Service, U. S.	37.20	Crabb, George A.	205.64
Reilly, Hugh.	46.50	Crane, Frank P.	17.35
Scarborough Co.	2.50	Bennett, H. H.	924.90
Selinger, Julius.	6.50	Eckmann, E. C.	441.09
U. S. Geological Survey.	2.50	Ferguson, James E.	1,003.67
Total.....	784.28	Geib, W. J.	1,323.33
<i>Apparatus, instruments, and laboratory material.</i>		Hardison, R. B.	1,268.66
Bausch & Lomb Optical Co.	2.25	Hearn, W. E.	1,247.21
Bell Odometer Works.	83.28	Higgins, A. L.	1,679.40
Columbia Photo Supply Co.	9.14	Holmes, L. Carl.	1,492.71
Eastman Kodak Co.	90.05	Hurst, Lewis A.	762.21
		Jennings, Henry.	713.48
		Jones, G. B.	1,184.83
		Kocher, A. E.	1,731.80
		Kolbe, L. A.	443.38
		Krusekopf, H.	53.80

## BUREAU OF SOILS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (soil survey), \$137,360"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Lapham, J. E.....	\$542.96	Smith, W. G.....	\$1,339.10
Lapham, Macy H.....	526.06	Strahorn, A. T.....	1,165.41
Latimer, W. J.....	459.89	Sweet, A. T.....	816.63
Lee, Ora, jr.....	408.57	Tharp, W. E.....	884.21
Long, David D.....	907.11	Van Duyne, Cornelius.....	899.46
Lounsbury, Clarence.....	827.31	Waldrop, C. S.....	730.47
McLendon, W. E.....	772.98	Watson, E. B.....	813.55
Mangum, A. W.....	907.63	Welsh, F. S.....	813.88
Mann, C. J.....	1,060.56	Westover, H. L.....	1,448.01
Mann, C. W.....	661.98	Whitson, A. R.....	39.70
Marbut, Curtis F.....	388.77	Wilder, H. J.....	667.40
Maynadier, G. B.....	1,146.39	Willard, Rex E.....	1,540.39
Money, C. N.....	927.66	Winston, R. A.....	1,230.56
Nelson, J. W.....	1,221.65	Wood, P. O.....	1,284.35
Rice, Thos. D.....	1,568.81	Worthern, E. L.....	244.99
Rowe, Rob't W.....	372.09	Zappone, C. R., jr.....	313.59
Shaw, Chas. F.....	447.79		
Smith, H. C.....	855.57	Total.....	52,040.83

Total amount of appropriation..... \$137,360.00

Total expenditures under above groups..... 136,437.71

Unexpended balance on Aug. 31, 1910..... 922.29

Outstanding liabilities (estimated)..... 416.51

Balance to be turned back in Treasury (estimated)..... 505.78

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (administrative expenses), \$7,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bowie, John R.....	Publicity agent, at \$1,800.....	\$1,800.00	\$298.34
Morsell, Ernest.....	Clerk, at \$1,260.....	1,260.00	
Frick, Louis H.....	Plumber, at \$4 per diem.....	80.00	
Gladmon, Robt. E.....	do.....	40.00	
Ryan, Edward J.....	do.....	652.00	
Kraus, Charles.....	Plumber's helper, at \$2 per diem.....	18.00	
Thomas, W. T.....	Laborer, at \$300.....	300.00	
Booker, Charles E.....	Laborer, at \$1.50 per diem.....	15.00	
Browne, James F.....	do.....	15.00	
Burns, William.....	do.....	15.00	
Smith, Thomas W.....	do.....	9.75	
Thomas, Philip.....	do.....	15.00	
Total.....		4,219.75	

## BUREAU OF SOILS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Soils, 1910 (administrative expenses), \$7,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture—Continued.</i>	
Andrews Paper Co.....	\$71.25	Lincoln, Fred S.....	\$15.50
Ballantyne, R. Carter.....	2.88	Moses & Sons, W. B.....	126.32
Contingent expenses, Department of Agriculture.....	534.38	Yawman & Erbe Manufacturing Co....	5.60
Lamb & Tilden.....	20.18	Total.....	270.92
Lincoln, Fred S.....	17.00		
Lindemeyer, Philip.....	4.70	<i>Freight.</i>	
Mathers-Lamm Paper Co.....	9.11	Bellefonte Central R. R. Co.....	.73
Morrison Paper Co., E.....	5.80	Blue Line Transfer Co.....	.25
Pitcher, E. H.....	1.68	Knox Express Co., The Geo. W.....	5.15
Stott & Co., Chas. G.....	3.20	Pennsylvania Ry. Co.....	4.94
Swayze, W. L.....	8.35	Roosa, I. P.....	5.74
Swayze, Bailey & Co.....	67.57	Southern Ry. Co.....	3.58
Technical Supply Co.....	4.60	Washington-Southern Ry. Co.....	1.38
Typewriter & Office Supply Co.....	21.50	Total.....	21.77
United States Envelope Co.....	63.13		
Yawman & Erbe Manufacturing Co....	2.40	<i>Express.</i>	
Total.....	837.73	Adams Express Co.....	122.83
<i>Miscellaneous supplies, etc.</i>		United States Express Co.....	32.50
American Multigraph Sales Co.....	30.50	Total.....	155.33
Armour & Co.....	3.50		
Capital Traction Co.....	12.00	<i>Telegraph.</i>	
Contingent expenses, Department of Agriculture.....	561.36	Postal Telegraph-Cable Co.....	9.44
Dulin & Martin.....	7.50	Western Union Telegraph Co.....	74.85
Finola Manufacturing Co.....	2.63	Total.....	84.29
Hazleton, E. P.....	2.65		
Heiskell & Co., P. H., Jr.....	.58	<i>Telephone.</i>	
Joyce Engraving Co., The Maurice...	5.09	Chesapeake & Potomac Telephone Co..	59.55
Lambie Co. (Inc.), Jas. B.....	1.60		
Luce's Press Clipping Bureau.....	60.00	<i>Apparatus, instruments, and laboratory material.</i>	
Muth & Co., Geo. F.....	5.94	Eastman Kodak Co.....	14.50
Newman, E. S.....	8.00	Friez, Julien P.....	4.50
Remington Typewriter Co.....	17.90	Gilman, Z. D.....	2.40
Robbins & Myers Co.....	18.00	Leese, M. A.....	1.12
Sharp & Sons, F.....	8.25	Lewis, J. L.....	.27
Thompson, C. W.....	1.25	Total.....	22.79
Tolman Laundry.....	3.23		
Underwood Typewriter Co.....	10.80	<i>Travel and station and field expenses.</i>	
Van Everen Co.....	5.00	Bowie, John R.....	298.34
Washington Ry. & Electric Co.....	12.00	Whitney, Milton.....	125.07
Wolf & Co., C. M.....	7.50	Total.....	423.41
Total.....	785.28		
<i>Furniture.</i>			
Globe-Wernicke Co.....	100.50		
Hoeke, Wm. H.....	10.80		
Lansburgh Furniture & Carpet Co., Julius.....	12.20		

Total amount of appropriation.....	\$7,000.00
Total expenditures under above groups.....	6,880.82
Unexpended balance on Aug. 31, 1910.....	119.18
Outstanding liabilities (estimated).....	33.00
Balance to be turned back in Treasury (estimated).....	86.18

## RECAPITULATION.

Statutory salaries.....	\$35,412.64
Lump-fund salaries:	
In Washington.....	73,169.78
Outside of Washington.....	59,949.29
Stationery.....	1,173.31
Miscellaneous supplies and services, equipment, books, machinery, etc.....	3,086.58
Furniture.....	577.10
Freight.....	26.77
Express.....	155.33



Telegraph.....	\$84.29
Telephone.....	59.55
Apparatus, instruments, and laboratory material.....	3,400.21
Travel and station and field expenses.....	54,321.24
Total for entire Bureau of Soils.....	231,416.09
Total amount of above appropriations.....	232,860.00
Total expenditures under above groups.....	231,416.09
Unexpended balance on August 31, 1910.....	1,443.91
Repayments to credit of appropriations.....	229.95
Net unexpended balance.....	1,673.86
Outstanding liabilities (estimated).....	777.51
Balance to be turned back in Treasury (estimated).....	896.35

### PROJECTS.

The principal projects conducted by the Bureau of Soils during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

#### GENERAL EXPENSES, BUREAU OF SOILS, 1910.

- (1) Soil survey, \$136,854.22.
- (2) Soil laboratory investigations, \$28,178.97.
- (3) Soil fertility investigations, \$20,531.37
- (4) Soil water investigations, \$4,302.58.
- (5) Administrative expenses, \$6,913.82.

#### (1) SOIL SURVEY.

This work comprises the surveying, both upon a detailed and a reconnaissance basis, the mapping, and the classifying of the soils of important areas in various parts of the country, the preparing of reports containing descriptive matter relating to the different soils, their character, origin, and value for crops, and to the agricultural conditions found in each area surveyed. The maps show the distribution of the different soils, and the reports accompanying the maps describe these soils.

The following areas were surveyed in whole or in part during the fiscal year 1910:

#### DETAILED SURVEYS.

Alabama:	
Baldwin County.....	\$2,466.99
Area begun during previous fiscal year and completed Feb. 3, 1910.	
Chambers County.....	1,217.83
Clarke County.....	1,441.74
Coffee County.....	1,288.15
Area begun during previous fiscal year and completed Dec. 2, 1909.	
Dale County.....	1,530.16
Hale County.....	294.19
Area begun during previous fiscal year and completed Aug. 4, 1909.	
Jackson County.....	922.32
Area will be completed during fiscal year 1911.	
Mobile County.....	1,175.89
Pike County.....	1,172.56
Area begun Feb. 4, 1910, and will be completed during fiscal year 1911.	
Tallapoosa County.....	192.11
Area completed July 28, 1909, balance of area having been surveyed during previous fiscal year.	
Tuscaloosa County.....	2,775.10
Area begun Dec. 15, 1909, and will be completed during fiscal year 1911.	
California:	
Livermore area.....	2,041.39
Madera area.....	6,380.75

## California—Continued.

Marysville area.....	\$150. 30
Cost of completing that portion of area left unsurveyed during previous fiscal year on account of high water.	
Red Bluff area.....	604. 16
Area begun May 25, 1910, and will be completed during fiscal year 1911.	
Colorado:	
Uncompahgre Valley area.....	582. 27
Area begun May 20, 1910, and will be completed during fiscal year 1911.	
Connecticut:	
Windham County.....	34. 89
Area begun June 28, 1910, and will be completed during fiscal year 1911.	
Florida:	
Jacksonville area.....	2, 942. 05
Georgia:	
Bulloch County.....	4, 628. 30
Franklin County.....	929. 26
Sumter County.....	2, 860. 28
Kentucky:	
Rockcastle County.....	927. 92
Area begun Oct. 21, 1909. Work was temporarily suspended Dec. 14, 1909, and resumed on May 15, 1910. Area will be completed during fiscal year 1911.	
Louisiana:	
Concordia Parish.....	2, 823. 95
Lincoln Parish.....	336. 04
Area completed July 24, 1909, balance of area having been surveyed during previous fiscal year.	
Maine:	
Orono area.....	1, 099. 04
Maryland:	
Anne Arundel County.....	1, 197. 37
Area completed Sept. 19, 1909, balance of area having been surveyed during previous fiscal year.	
Minnesota:	
Rice County.....	2, 402. 32
Mississippi:	
Adams County.....	1, 437. 29
Noxubee County.....	2, 541. 85
Missouri:	
Atchison County.....	683. 55
Soil Survey work in the State of Missouri is carried on in cooperation with the Missouri State Department of Agriculture, the State furnishing assistants and assuming approximately one-half of the field expenses.	
Cape Girardeau County.....	71. 60
Area begun June 2, 1910, and will be completed during fiscal year 1911.	
Cedar County.....	1, 145. 35
Area begun during previous fiscal year and completed Nov. 18, 1909.	
Cooper County.....	1, 700. 78
Area begun during previous fiscal year and completed Feb. 28, 1910.	
Jackson County.....	800. 52
Area begun Apr. 12, 1910, and will be completed during fiscal year 1911.	
Marion County.....	322. 40
Area begun May 24, 1910, and will be completed during fiscal year 1911.	
Pemiscot County.....	768. 04
Field work was temporarily suspended Jan. 4, 1910, and resumed Oct. 15, 1910. Area will be completed during fiscal year 1911.	
Washington County.....	249. 69
Field work was temporarily suspended Dec. 30, 1909. Area will be completed during fiscal year 1911.	

Nevada:	
Fallon area.....	\$1,778.71
New Hampshire:	
Nashua area.....	1,680.28
New Jersey:	
Sussex County.....	1,623.88
Field work was temporarily suspended Dec. 31, 1909, and resumed June 1, 1910. Area will be completed during fiscal year 1911.	
Vineland area.....	568.79
Field work was temporarily suspended May 30, 1910. Area will be completed during fiscal year 1911.	
New York:	
Ontario County.....	2,327.36
Field work temporarily suspended Nov. 23, 1909, and resumed May 9, 1910. Area will be completed during fiscal year 1911.	
Washington County.....	1,629.31
Area begun during previous fiscal year and completed Sept. 30, 1909.	
North Carolina:	
Cabarrus County.....	617.07
Area begun Apr. 25, 1910, and will be completed during fiscal year 1911:	
Gaston County.....	1,676.57
Granville County.....	1,073.30
Area begun Oct. 18, 1909. Work was temporarily suspended Dec. 7, 1909, and resumed May 30, 1910. Area will be completed during fiscal year 1911.	
Mecklenburg County.....	1,915.29
Area begun Nov. 18, 1909. Work was temporarily suspended Dec. 22, 1909, and resumed Mar. 13, 1910. Area will be completed during fiscal year 1911.	
Scotland County.....	1,726.75
Area begun during previous fiscal year and completed Dec. 15, 1909.	
North Dakota:	
Detailed survey of North Dakota experimental farms.....	1,052.61
Ohio:	
Auglaize County.....	746.35
Area begun during previous fiscal year and completed Sept. 10, 1909.	
Oregon:	
Marshfield area.....	2,379.03
Rogue River Valley area.....	438.11
Area begun May 26, 1910, and will be completed during fiscal year 1911.	
Pennsylvania:	
Bedford County.....	315.21
Area begun May 27, 1910, and will be completed during fiscal year 1911.	
Berks County.....	3,143.80
Area begun during previous fiscal year and completed Nov. 25, 1909.	
Bradford County.....	590.97
Area begun May 1, 1910, and will be completed during fiscal year 1911.	
Erie County.....	395.71
Area begun May 25, 1910, and will be completed during fiscal year 1911.	
Washington County.....	299.06
Area begun May 27, 1910, and will be completed during fiscal year 1911.	
South Carolina:	
Clarendon County.....	1,871.96
Conway area.....	144.42
Area completed Aug. 5, 1909, balance of area having been surveyed during previous fiscal year	
Saluda County.....	95.43
Area completed July 11, 1909, balance of area having been surveyed during previous fiscal year.	



Tennessee:	
Sumner County.....	\$272. 69
Area completed July 26, 1909, balance of area having been surveyed during previous fiscal year.	
Texas:	
Camp County.....	66. 36
Revision and reclassification of soils.	
Ellis County.....	3, 638. 14
Grayson County.....	193. 59
Area completed July 11, 1909, balance of area having been surveyed during previous fiscal year.	
Morris County.....	202. 35
Revision and reclassification of soils.	
Virginia:	
Campbell County.....	1, 779. 11
Area begun during previous fiscal year and completed Dec. 6, 1909.	
West Virginia:	
Jackson area.....	239. 55
Area begun June 3, 1910, and will be completed during fiscal year 1911. Soil survey work in the State of West Virginia is carried on in cooperation with the West Virginia Geological Survey, which survey pays all field expenses.	
Spencer area.....	916. 75
Area begun during previous fiscal year and completed Nov. 18, 1909.	
Wisconsin:	
Bayfield area.....	1, 110. 47
Fond du Lac County.....	396. 99
Work begun May 9, 1910, and will be completed during fiscal year 1911.	
Iowa County.....	1, 271. 07
Field work was temporarily suspended Nov. 22, 1909, and resumed May 13, 1910. Area will be completed during fiscal year 1911.	
Juneau County.....	467. 58
Area begun May 1, 1910, and will be completed during fiscal year 1911.	
Waukesha County.....	1, 793. 34
Waushara County.....	1, 262. 84

## RECONNAISSANCE SURVEYS.

Arkansas:	
Ozark district.....	\$881. 23
Nevada:	
Truckee-Carson project.....	396. 65
Pennsylvania:	
South-Central Pennsylvania.....	700. 29
Area begun May 2, 1910, and will be completed during fiscal year 1911.	
South-Western Pennsylvania.....	3, 151. 99
Area surveyed in part during previous fiscal year.	
South Dakota:	
Western South Dakota.....	13, 634. 02
Area surveyed in part during previous fiscal year.	
Texas:	
Gulf coast district.....	9, 865. 36
Panhandle district.....	4, 321. 69
Washington:	
Northwestern Puget Sound district.....	3, 388. 08
Area surveyed in part during previous year.	
Western Puget Sound district.....	1, 865. 93
Area begun May 7, 1910, and will be completed during fiscal year 1911.	
Wisconsin:	
Marinette County.....	2, 809. 78
136, 854. 22	

## (2) SOIL LABORATORY INVESTIGATIONS.

This work has for its object the chemical and physical analyses of soils to determine their texture and to aid in determining the type; the investigation of the physical and chemical properties of soils which influence crop production.

Physical soil investigations, including (a) conservation of soil moisture, (b) relation of soil moisture to physical condition of soil, (c) flocculation, sedimentation, and erosion of soils, (d) absorption of vapors and gases by soils, (e) retention and conservation of fertilizer ingredients by soils, (f) leaching of soils, (g) wind movement of soils, (h) soil temperatures, (i) investigation of routine methods of analyses, (j) physical properties of alkali soils, (k) nature of hardpans, (l) agencies of soil formation and modification .....	\$9,969.54
Chemical investigations, including (a) phosphates of soils and fertilizers, (b) nitrogen-carrying fertilizers, (c) chemical and mineralogical composition of soil separates, (d) solubility of soil minerals, (e) chemical properties of humus, (f) iron compounds of the soil, (g) alkali soils, (h) investigation of routine methods of analyses, (i) field demonstrations, (j) nature of hardpans.....	6,844.08
Unclassified analytical work.....	9,202.27
Designing and repairing apparatus for field and laboratory studies.....	2,163.08
	<hr/> 28,178.97

## (3) SOIL FERTILITY INVESTIGATIONS.

This work has for its object the investigations of the causes of and remedy for infertility in certain soils and of the low crop yields arising in many soils from improper methods of cultivation and cropping.

Investigation of the maintenance of soil fertility.....	\$3,001.73
Investigation of the causes of unproductive soils.....	4,100.00
Investigation of the organic origin of unproductivity of soils and the effect of green manuring.....	3,816.67
Investigation of means for improvement of unproductive soils.....	2,955.00
Investigation of the effect of fertilizers on soils.....	3,134.73
Field investigations of soil-fertility problems in cooperation with experiment stations.....	1,847.53
General field and laboratory supplies, new.....	1,675.71
	<hr/> 20,531.37

## (4) SOIL WATER INVESTIGATIONS.

This work has for its object the investigation of soil water and of the extent of damage arising from the erosion of cultivated soils, with the most practical remedial measures for checking the same.

Reconnaissance study of soil water and of the effects of erosion of agricultural lands.....	\$5,720.22
Stationery, furniture, typewriter, and miscellaneous supplies, etc.....	582.36
	<hr/> 4,302.58

## (5) ADMINISTRATIVE EXPENSES.

Publicity: In connection with the field and laboratory investigations carried on by this bureau it has been found desirable to disseminate to the public certain conclusions in advance of formal publications; the publicity work consists of the preparation of press notices embodying in concise and popular form the results of such investigations.....	\$3,360.34
Miscellaneous supplies, furniture, stationery, typewriters, apparatus, administrative traveling expenses, telephone, telegraph, freight, express, hire of laborers, and miscellaneous and contingent expenses for the maintenance and operation of offices and laboratories.....	2,763.48
Salaries of plumbers carried on our rolls, but detailed to shops.....	790.00
	<hr/> 6,913.82

## BUREAU OF ENTOMOLOGY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation*  
*"Salaries, Bureau of Entomology, 1910, \$29,280."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Howard, L. O.	Chief of bureau, at \$4,000.	\$4,000.00	\$1,494.62
Gilliss, Chas. J.	Chief clerk, at \$1,800.	1,500.00	
Tastet, W. F.	Clerk, class 3.	300.00	
Althouse, R. C.	do.	1,600.00	
Leister, A. J.	do.	266.67	
Tastet, W. F.	do.	1,333.33	
Blesi, Edward.	Clerk, class 2.	1,050.00	
Wood, Elmer C.	do.	350.00	
Chapney, Mary G.	do.	1,400.00	
Colcord, Mabel.	do.	1,400.00	
Cunningham, Boyd C.	do.	233.34	
Leister, A. J.	do.	1,166.66	
Strauss, J. F.	Artist, at \$1,400.	1,400.00	\$5.00
Blesi, Edward.	Clerk, class 1.	300.00	
Keleher, T. A.	do.	900.00	50.80
Cunningham, Boyd C.	do.	1,000.00	
Reynolds, Bronte A.	do.	200.00	
Knabe, Frederick.	do.	250.00	
Marks, Jessie E.	do.	800.00	
Menagh, Charles S.	do.	146.67	
Vedder, Frank W.	do.	1,200.00	
Armstrong, Kennett.	Clerk, at \$1,000.	750.00	
Keleher, T. A.	do.	250.00	
Condron, Gertrude O.	do.	125.01	
Reynolds, Bronte A.	do.	\$85.55	
Dashiell, Ellen M.	do.	122.23	
Menagh, Charles S.	do.	\$77.77	
Marshall, Margaret.	do.	1,000.00	
Meyers, W. Clarence.	do.	1,000.00	
Borochoff, Jacob M.	Messenger, at \$840.	606.67	
Lynch, Lewis M.	do.	233.33	
Hanford, John G.	do.	194.00	
Lynch, Lewis M.	Messenger, at \$720.	146.00	
Walker, S. Benson.	do.	354.00	
Reeves, John L.	Laborer, at \$720.	718.00	
Jones, Hortentia.	Charwoman, at \$480.	480.00	
Stokes, Helen.	do.	480.00	
Washington, F. J.	Charwoman, at \$240.	240.00	
Total.		29,179.23	
Total amount of above appropriation.			\$29,280.00
Total amount paid for salaries.			29,179.23
Unexpended balance.			100.77



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (deciduous fruit insects), \$43,600."<sup>1</sup> (Original subappropriation of \$46,600 decreased by transfer of \$1,500 to cereal and forage insects and \$1,500 to forest insects.)

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Quaintance, A. L. ....	Agent and expert, at \$2,750 .....	\$2,750.00	\$331.26
Hooker, Charles W. ....	Agent and expert, at \$1,400, and entomological assistant, at \$1,400. ....	466.67	198.77
Scott, Eugene W. ....	Agent and expert, at \$1,000 .....	250.00	709.37
Zimmer, James F. ....	Agent and expert, at \$1,000, and entomological assistant, at \$1,000. ....	416.67	161.01
Gill, John B. ....	Agent and expert, at \$75 per month .....	70.00	117.20
Hammar, A. G. ....	Special field agent, at \$1,200 and \$1,400. ....	416.67	394.26
Marcey, F. L. ....	Laborer, at \$45 per month .....	373.50	.....
Total .....	.....	4,743.51	.....
<i>Out of Washington.</i>			
Johnson, Fred .....	Special field agent, at \$1,600 .....	1,599.99	741.77
Braucher, R. W. ....	Special field agent, at \$1,200 .....	1,200.00	557.40
Hammar, A. G. ....	.....do.....	849.98	.....
Jones, Paul R. ....	Special field agent, at \$1,200 and \$1,600. ....	1,506.67	810.65
Moulton, Dudley .....	Agent and expert, at \$1,800 .....	415.00	272.40
Faurot, F. W. ....	Agent and expert, at \$1,500 .....	875.00	564.90
Hardenburg, C. B. ....	.....do.....	887.50	458.05
Foster, S. W. ....	Agent and expert, at \$1,400 and \$1,600. ....	1,553.32	700.26
Hooker, Charles W. ....	Agent and expert, at \$1,400 .....	933.33	.....
Jenne, E. L. ....	Agent and expert, at \$1,400 and \$1,600. ....	1,466.67	833.13
Horton, J. R. ....	Agent and expert, at \$1,200 .....	1,200.00	380.07
Hoddy, Emmett J. ....	Agent and expert, at \$1,000 .....	958.29	669.80
Postiff, Walter .....	Agent and expert, at \$1,000 and \$1,200. ....	1,066.64	227.82
Scott, Eugene W. ....	Agent and expert, at \$1,000, and entomological assistant, at \$1,200. ....	808.33	.....
Zimmer, James F. ....	Agent and expert, at \$1,000 .....	83.33	.....
Gable, Chas. H. ....	Entomological assistant, at \$1,000 .....	291.67	178.36
Clemons, Douglas H. ....	Entomological assistant, at \$75 per month .....	337.50	74.90
Lund, A. V. ....	Laborer, at \$3.50 per diem .....	8.75	.....
Merrill, Geo. E. ....	Laborer, at \$2 per diem and 25 cents per hour .....	15.25	.....
Smith, C. B. ....	Laborer, at \$2 per diem .....	51.00	.....
Weber, Emma .....	.....do.....	249.00	.....
Ellerman, John N. ....	Laborer, at \$60 per month .....	180.00	.....
Davidson, W. M. ....	Laborer, at \$50 per month .....	50.00	.....
Selkregg, Edwin .....	Laborer, at \$45 per month .....	309.00	.....
Young, Frank L. ....	Unskilled laborer, at \$60 per month .....	690.00	.....
Van Leenwen, Earl .....	Unskilled laborer, at \$50 per month .....	50.00	.....
Total .....	.....	17,636.22	.....

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (deciduous fruit insects), \$43,600."

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Contingent expenses, Department of		Spalding Lumber Co., W. R.	\$3.55
Agriculture	\$14.00	Sparks & Robie	76.00
Library Bureau	39.45	Standard Oil Co. of New York	30.00
Schmidt, Fred A.	22.58	Thornton, O. A.	25.00
Swayze, W. L.	1.20	Tribbett, W. E.	6.00
Winch, S. G.	12.10	Vreeland Chemical Co.	4.75
Total	89.33	Walford, D. N.	13.50
<i>Miscellaneous supplies, etc.</i>		Webb & Lowry	19.00
Adler Color & Chemical Works	.90	Woodall-Holmes Hardware Co.	8.05
American Entomological Co.	6.30	Wooten-Murphy Orchard Co.	30.00
American Sprayer Co.	20.00	Total	5,462.33
Anderson Co., L.	20.00	<i>Furniture.</i>	
Baird Stable Co.	111.50	Ayling, Mrs. G. L.	15.00
Banta & Co., A. C.	10.00	Bogenschutz, N. J.	10.00
Bean Spray Pump Co.	124.84	Derby Desk Co.	70.00
Bowker Insecticide Co.	1.31	Gimbel, Ellis A.	74.61
California Rex Spray Co.	312.00	Jordan Furniture & Undertaking Co.	11.70
Capital Paper Box Co.	10.00	Library Bureau	117.50
Clarke Co., R. P.	4.00	Lincoln, Fred. S.	23.40
Contingent expenses, Department of		Moses & Sons, W. B.	2.00
Agriculture	6.91	Quinn Furniture Co.	38.25
Cooks Oil Co.	6.60	Woodward & Lothrop	21.37
Cushman Power Sprayer	382.50	Total	383.83
Davidson, E. A.	46.31	<i>Fuel.</i>	
Davis, James F.	13.50	Delmas Avenue Wood Yard	27.25
Delmas Avenue Wood Yard	9.25	Lindsay Feed & Fuel Co.	14.00
Deming Co.	18.54	Total	41.25
Dust Sprayer Manufacturing Co.	12.41	<i>Freight.</i>	
Espey, Jno. B.	4.50	Central of Georgia	18.46
Flint, F. W.	147.50	Kansas City Southern Ry.	.48
Friend Manufacturing Co.	614.43	Knox Express Co., Geo. W.	.71
Fuller Co., W. P.	16.17	St. Louis & San Francisco Ry.	8.95
Gaylord, Chas. W.	30.00	San Jose Transfer Co.	40.50
Good, James	19.56	Southern Pacific Co.	107.73
Grasselli Chemical Co.	141.00	Total	176.83
Hemingway's London Purple Co. (Ltd.)	.70	<i>Express.</i>	
House, Edwin H.	52.50	Adams Express Co.	117.75
Howard, W. M. & J. E.	5.55	United States Express Co.	63.93
Hugy, C. W.	8.00	Total	181.68
Ignace & Co., E.	34.50	<i>Telegraph.</i>	
Kentucky Tobacco Product Co.	642.01	Western Union Telegraph Co.	31.76
Keystone Grape Co.	66.00	<i>Telephone.</i>	
Lambie Co. (Inc.), James B.	1.90	Chesapeake & Potomac Telephone Co.	.20
Lansburgh & Bro.	.75	Pacific Telegraph & Telephone Co.	59.50
Latham & Co.	15.50	Total	59.70
Lee, C. M.	175.00	<i>Rent.</i>	
Lick Livery & Hack Co.	325.00	Bartlett, Helen L.	150.00
Lindsay Livery Stable	100.00	Clayton & Co., Jas. A.	300.00
Lindsay Plumbing Co.	14.50	First National Bank of Lindsay	126.00
Liquid Carbonic Co.	5.00	Fletcher, C. L.	75.00
Farmer's Union	235.22	Loop, A. I.	100.00
McCord & Co., T. H.	9.90	Mansfield, Wilber J.	10.00
Magruder, J. B.	9.00	Stafford, W. C.	70.00
Mason, H. G.	11.50	Worrg, Herman	120.00
Moore, C. L.	160.00	Total	951.00
Morrill & Morley	57.71		
Morse & Co., C. C.	33.85		
Murphy, A. O. & Tom S.	160.00		
Nougaret, R. L.	360.00		
Phoenix Refining & Manufacturing Co.	55.00		
Reed, S. C.	33.25		
Reeves, B. F.	3.80		
Remington Typewriter Co.	80.00		
Richard, J.	182.10		
Rinker, R. R.	23.00		
Royal Typewriter Co.	117.00		
Santa Clara Valley Mill & Lumber Co.	64.74		
Saugatuck & Ganges Telephone Co. (Ltd.)	18.00		
Sears, Roebuck & Co.	13.88		
Sherwin-Williams Co.	1.59		
Smith & Bros. Typewriter Co., L. C.	80.00		

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (deciduous fruit insects), \$43,600"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material.</i>		<i>Travel and station and field expenses.</i>	
Bausch & Lomb Optical Co. ....	154.61	Braucher, R. W. ....	\$557.40
Caire, Justinian Co. ....	13.00	Clemons, Douglas H. ....	74.90
Eastman Kodak Co. ....	43.70	Fautot, F. W. ....	344.61
Evans-Smith Drug Co. ....	22.23	Foster, S. W. ....	700.26
Ford, C. A. ....	19.50	Gable, Chas. H. ....	178.36
Glenn Photo Stock Co. ....	59.99	Gill, John B. ....	117.20
Kny-Scheerer Co. ....	8.95	Hammar, A. G. ....	394.26
Lewis, J. F. ....	21.53	Hardenberg, C. B. ....	458.05
Luthin, R. H. ....	9.57	Hoddy, Emmett J. ....	669.80
Mackall Bros. ....	5.15	Hooker, C. W. ....	198.77
Pacific Bone Coal & Fertilizer Co. ....	99.90	Horton, J. R. ....	350.07
Powers-Weightman-Rosengarten Co. ....	37.05	Jenne, E. L. ....	833.13
Pullman, E. J. ....	319.21	Johnson, Fred. ....	741.77
Thomas Co., A. H. ....	525.63	Jones, Paul R. ....	810.65
Thomsen Chemical Co. ....	114.76	Keleher, T. A. ....	50.80
Webb Drug Co. ....	64.20	Moulton, Dudley. ....	272.40
Whitall Tatum Co. ....	107.49	Postiff, Walter. ....	227.82
Winch, S. G. ....	38.40	Quaintance, A. L. ....	331.26
		Scott, Eugene W. ....	709.37
		Zimmer, James F. ....	161.01
Total. ....	1,664.87	Total. ....	8,211.89

Total amount of appropriation. .... \$43,600.00  
 Total expenditures under above groups. .... 39,634.20

Unexpended balance on Aug. 31, 1910. .... 3,965.80  
 Outstanding liabilities (estimated). .... 1,381.25

Balance to be turned back in Treasury (estimated). .... 2,584.55

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (cereal and forage insects), \$22,500." (Original subappropriation of \$21,000 increased by transfer of \$1,500 from deciduous fruit insects.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Webster, F. M. ....	Agent and expert, at \$2,750. ....	\$2,750.00	\$165.18
Yothers, W. W. ....	Agent and expert, at \$1,600. ....	133.34	690.15
Hyslop, James A. ....	Agent and expert, at \$1,200. ....	300.00	377.69
Wildermuth, Vernon L. ....	do. ....	300.00	465.94
Osborn, Herbert. ....	Agent and expert, at \$1,000. ....	250.00	700.00
Vickery, R. A. ....	do. ....	250.00	341.62
Klopfier, Nettie S. ....	Entomological preparator, at \$50 per month. ....	238.33	.....
Total. ....		4,221.67	.....
<i>Out of Washington.</i>			
Reeves, George I. ....	Special field agent, at \$1,600. ....	1,600.00	537.59
Phillips, W. J. ....	Special field agent, at \$1,400, and entomological assistant, at \$1,400. ....	1,400.00	301.98
Ainslie, C. N. ....	Agent and expert, at \$1,400. ....	1,400.00	327.54
Kelly, E. O. G. ....	Agent and expert, at \$1,400, and entomological assistant, at \$1,400. ....	1,400.00	306.86
Dean, Wm. Harper. ....	Agent and expert, at \$1,200. ....	800.00	7.75
Hyslop, James A. ....	do. ....	900.00	.....
Wildermuth, Vernon L. ....	do. ....	900.00	.....
Osborn, Herbert. ....	Agent and expert, at \$1,000. ....	750.00	.....
Parks, Thaddeus H. ....	do. ....	1,000.00	189.20
Vickery, R. A. ....	Agent and expert, at \$1,000 and \$1,200. ....	816.66	.....
Urbahns, Theo. D. ....	Agent and expert, at \$900. ....	375.00	93.00
Ainslie, George G. ....	Agent and expert, at \$50 per month, and collaborator, at \$1 per month. ....	77.13	28.60
Luginbill, Philip. ....	Entomological assistant, at \$1,000. ....	250.00	49.09
Total. ....		11,668.79	.....



## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (cereal and forage insects), \$22,500"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>"Stationery.</i>		<i>Express.</i>	
Ballantyne, R. Carter.....	\$1.07	Adams Express Co.....	\$31.90
Contingent expenses, Department of Agriculture.....	.49	United States Express Co.....	8.55
Lamb & Tilden.....	.90	Total.....	40.45
Library Bureau.....	.50	<i>Telegraph.</i>	
Total.....	2.96	Postal Telegraph-Cable Co.....	2.33
<i>Miscellaneous supplies, etc.</i>		Western Union Telegraph Co.....	32.39
American Entomological Co.....	67.00	Total.....	34.72
Barbour, L. E.....	17.30	<i>Rent.</i>	
Brentano's.....	.25	Meroney, L. L.....	51.07
Budge, Henry H.....	24.00	Pullman Improvement Co.....	144.00
Carmody, M.....	95.00	Stewart, John T., estate.....	12.00
Contingent expenses, Department of Agriculture.....	3.43	Stewart, Luella F.....	120.00
Forbes, S. A.....	.80	Total.....	327.07
Gatchel & Manning.....	2.75	<i>Gas and electricity.</i>	
Gelins Hardware Co.....	3.00	Idaho-Washington Light & Power Co.....	12.21
Graff Mercantile Co., A.....	36.60	<i>Apparatus, instruments, and labora- tory material.</i>	
Grasselli Chemical Co.....	47.93	Bausch & Lomb Optical Co.....	187.31
Hodge, L. A.....	2.00	Eastman Kodak Co.....	.87
Howe & Shipley.....	19.54	Flemer, Lewis.....	.45
Hunt & Co., J. W.....	.35	Friez, Julien P.....	2.30
Joyce Engraving Co., The Maurice.....	7.00	Gilman, Z. D.....	.40
King, Charlotte M.....	35.00	Georz American Optical Co., C. P.....	82.60
Lowdermilk & Co., W. H.....	.25	Kny-Scheerer Co.....	2.40
Monarch Typewriter Co.....	80.00	Mackall Bros.....	4.50
Munger Lumber Co., Ed.....	36.00	Mallinckrodt Chemical Co.....	.30
Muth & Co., Geo. F.....	.33	Pullman, E. J.....	4.70
Post Office Department.....	.80	Schmidt, Fred A.....	1.44
Remington Typewriter Co.....	80.00	Spencer Lens Co.....	18.00
Royal Typewriter Co.....	58.50	Thomas Co., A. H.....	288.75
Underwood Typewriter Co.....	84.00	Voigtlander & Sohn Optical Works, A. G.....	67.55
Total.....	701.83	Total.....	661.77
<i>Furniture.</i>		<i>Travel and station and field expenses.</i>	
Burt, Haywood Co.....	46.50	Ainslie, C. N.....	327.54
French, Hitchcock & Son.....	21.00	Ainslie, Geo. G.....	28.60
Library Bureau.....	.50	Dean, Wm. Harper.....	7.75
Shaw & Borden Co.....	7.20	Hyslop, Jas. A.....	377.69
Woodward & Lothrop.....	16.25	Kelly, E. O. G.....	306.86
Total.....	91.45	Luginbill, Philip.....	49.09
<i>Freight.</i>		Osborn, Herbert.....	700.00
Atchison, Topeka & Santa Fe Ry. Co.....	4.10	Parks, Thaddeus H.....	189.20
Cleveland, Cincinnati, Chicago & St. Louis Ry.....	2.08	Phillips, W. J.....	301.98
Knox Express Co., The Geo. W.....	1.25	Reeves, Geo. I.....	537.59
Northern Pacific Ry.....	2.32	Urbahns, Theodore D.....	93.00
St. Louis, Brownsville & Mexico Ry.....	13.33	Vickery, R. A.....	341.62
Southern Ry. Co.....	.97	Webster, F. M.....	165.18
Wabash R. R. Co.....	2.52	Wildermuth, V. L.....	465.94
Total.....	26.57	Yothers, W. W.....	67.14
		Total.....	3,959.18

Total amount of appropriation.....\$22,500.00  
Total expenditures under above groups.....21,748.67

Unexpended balance on Aug. 31, 1910.....751.33  
Outstanding liabilities (estimated).....432.35

Balance to be turned back in Treasury (estimated).....318.98

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (southern field crop insects), \$42,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hunter, W. D.	Agent and expert, at \$2,750.	\$458.33	\$1,508.46
Morgan, A. C.	Agent and expert, at \$1,600.	533.34	435.77
Cushman, R. A.	Agent and expert, at \$1,400.	350.00	690.84
Runner, Geo. A.	Agent and expert, at \$1,200.	200.00	776.97
Crumb, S. E.	Agent and expert, at \$1,000.	333.34	135.98
Tucker, E. S.	Special agent, at \$1,200.	100.00	654.94
Total		1,975.01	
<i>Out of Washington.</i>			
Hunter, W. D.	Agent and expert, at \$2,750.	2,291.67	
Van Dine, Delos L.	Agent and expert, at \$2,000.	2,000.00	881.01
Pierce, W. Dwight.	Agent and expert, at \$1,800.	1,800.00	646.30
Bishopp, F. C.	Agent and expert, at \$1,600.	533.33	475.28
Morgan, A. C.	do.	1,066.66	
Cushman, Robert A.	Agent and expert, at \$1,400.	1,050.00	
Barber, T. C.	Agent and expert, at \$1,300.	433.33	174.25
King, Willard V.	Agent and expert, at \$100 per month.	350.00	948.63
Mitchell, J. D.	Agent and expert, at \$1,200.	800.00	726.60
Runner, George A.	do.	1,000.00	
Smith, Geo. D.	do.	600.00	231.53
Crumb, S. E.	Agent and expert, at \$1,000.	666.66	98.40
Hood, George W.	do.	250.00	
Safro, Victor I.	do.	975.00	507.10
Holloway, T. E.	Agent and expert, at \$900, and entomological assistant, at \$1,000.	929.17	438.06
Lander, O. M.	Agent and expert, at \$75 per month.	150.00	
Pinkus, Harry.	do.	735.00	199.74
Bird, T. B.	Agent and expert, at \$70 per month.	130.66	70.26
Elliott, F. L.	Agent and expert, at \$720.	136.00	122.18
Hoffman, W. H., jr.	do.	136.00	154.92
Thomas, W. A.	Agent and expert, at \$340.	141.67	188.79
Pratt, F. C.	Assistant entomologist, at \$1,600.	1,600.00	720.10
Hood, C. E.	Special agent, at \$1,200.	1,200.00	923.45
Tucker, E. S.	do.	1,100.00	
Wood, H. P.	Special agent, at \$1,000.	333.33	84.95
Newell, Wilmon.	Collaborator, at \$200.	66.66	156.67
Parman, D. C.	Collaborator, at \$10 per month.	30.00	
Conradi, A. F.	Collaborator, at \$1 per month.	5.00	
Jones, Wm.	Carpenter, at \$2.75 per diem.	42.62	
Overton, Daniel H.	Carpenter, at \$2.25 per diem.	7.88	
Pettit, A. K.	Unskilled laborer, at \$600.	400.00	15.70
Kidd, Wm. P., jr.	Unskilled laborer, at \$45 per month.	180.00	18.55
Warfield, C. P. J.	Laborer, at \$1.25 per diem.	45.00	
Bunnell, J. C.	Laborer, at \$1 per diem.	7.00	
Total		21,192.64	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Ballantyne, R. Carter.	\$19.28	Adams, Ziegler & Co.	\$70.00
Contingent expenses, Department of Agriculture.	127.66	Allen, Amos.	18.00
Dorsey Printing Co.	38.25	Altman, W. B.	11.50
Hansell & Bro. (Ltd.), F. F.	4.35	American Entomological Co.	21.00
Lindemeyr, F.	5.46	Arnold, Henry A.	7.50
United States Paper Goods Co.	16.20	Baldwin & Co. (Ltd.), A.	22.50
Total	211.20	Becker & Co., Chas.	2.00
		Boakman Hardware Co.	2.50
		Bramon, J. F.	117.00
		Broadwell, J. B.	25.00

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (southern field crop insects), \$42,000"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Fuel.</i>	
Brown Co., E. C.	\$26.00	Johnson Ice & Cold Storage Co.	\$14.00
Cannon Ball Towel Supply Co.	3.35	Penniman & Trewitt.	33.50
Cincinnati Manufacturing Co.	5.20	Trinity Fuel Co.	6.00
Clark, D. S.	50.00	Total.	53.50
Cleveland, J. R.	30.00	<i>Freight.</i>	
Cochran, C. R.	91.50	Dallas Transfer & Cab Co.	49.68
Collins, J. Ross.	1.82	Fullington, W. E.	2.90
Contingent expenses, Department of		Galveston, Harrisburg & San Antonio	
Agriculture.	5.70	Ry.	27.29
Coulter Mill & Lumber Co., W. F.	35.62	Goss, E. D.	9.00
Culpeper, J. E.	18.75	Gulf, Colorado & Santa Fe Ry. Co.	6.15
Dallas Ice & Fuel Co.	32.11	Houston & Texas Central R. R. Co.	9.72
Dallas Livery Stable.	120.00	Knox, Geo. W., Express Co.	.75
Dorsey Printing Co.	3.60	Missouri, Kansas & Texas Ry. Co. of	
Dronin & Co., A.	4.86	Texas.	21.69
Elder, J. E.	36.69	Southern Ry. Co.	4.04
Elliard, Wm.	27.50	Tennessee Central R. R.	2.12
Ely, E. B.	6.03	Texas & Pacific Ry. Co.	30.44
Espey, Jno. B.	.90	Vicksburg, Shreveport & Pacific Ry.	20.20
Excelsior Seed Farm.	18.50	Total.	183.98
Frye, C. E.	5.80	<i>Express.</i>	
Gauchat.	10.00	Adams Express Co.	82.19
Goulds Manufacturing Co.	1.38	United States Express Co.	.30
Grasselli Chemical Co.	270.00	Total.	82.49
Hastings & Co., H. G.	11.00	<i>Telegraph.</i>	
Hawkins, B. W.	18.00	Postal Telegraph-Cable Co.	13.54
Hecker, Jno. J.	35.90	Western Union Telegraph Co.	29.42
Heimle, W. C.	118.00	Total.	42.96
Johnson Ice & Cold Storage Co.	7.60	<i>Telephone.</i>	
Maurice Joyce Engraving Co.	22.27	Cumberland Telegraph & Telephone	38.00
Keithly, C. E.	45.00	Southwestern Telegraph & Telephone	72.50
King, S. G.	32.00	Total.	110.50
Knickerbocker, H. H.	4.50	<i>Rent.</i>	
Lawther Grain Co.	44.60	Agee, H. P.	240.00
Leggett & Bro.	126.45	Brooks, Mrs. G. E.	180.00
Lincoln Paint & Color Co.	10.30	Commonwealth National Bank.	600.00
Ludlow Saylor Wire Co.	126.00	Gracey, Julian F.	120.00
Lyons & Co. (Ltd.), I. L.	6.88	Total.	1,140.00
Markham Lumber Co., J. L.	37.75	<i>Gas and electricity.</i>	
Maiser, Mattie R.	100.00	Dallas Electric Light & Power Co.	9.70
Monarch Typewriter Co.	82.00	Dallas Gas Co.	29.51
Moroney Hardware Co.	7.00	Total.	39.21
Moss, A. B.	12.00	<i>Apparatus, instruments, and labora-</i>	
New Orleans Tent & Awning Co.	10.25	<i>tory material.</i>	
New Process Roofing & Supply Co.	68.00	Asker, Coulter-Owen Drug Co.	46.15
Oriental Livery Stable.	48.00	Bausch & Lomb Optical Co.	198.24
Remington Typewriter Salesrooms.	10.40	Buckingham, J. T.	18.35
Roberts & Co.	13.92	Flemer, Lewis.	.37
Ruble, C. A.	30.00	Friez, Julien P.	93.90
Sabinal Lumber Co.	26.72	Gilman, Z. D.	14.90
Sabinal Mercantile Co.	14.85	Green, Henry J.	40.52
Sentell, G. W.	44.25	Heil Henry Chemical Co.	19.00
Shelton & Son, J. F.	134.50	Kny-Scheerer Co.	7.70
Stimpkins & Co., W. A.	105.00	Mackall Bros.	17.30
Slingerland, Effie E.	4.00		
Speed, C. E.	67.05		
Tallulah Hardware Co.	118.16		
Texas Seed & Floral Co.	10.50		
Thomson Hard ware Co., H. N.	81.22		
Titche-Goettinger Co.	27.13		
Titsworth, R. L.	7.80		
United Hardware Co. (Ltd.)	19.40		
Vreeland Chemical Co.	18.50		
Welder, J. J.	300.00		
Sanger Bros.	26.12		
Total.	3,136.83		
<i>Furniture.</i>			
Adams, Ziegler & Co.	10.50		
Dorsey Printing Co.	144.10		
Library Bureau.	1.38		
Total.	155.98		



## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (southern field crop insects), \$42,000"—Cont'd.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Shoemaker & Busch.....	\$5. 23	Hunter, W. D.....	\$1, 508. 46
Standard Photo Supply Co. (Ltd.)....	6. 99	Kidd, William P., jr.....	18. 55
Taylor Instrument Co.....	30. 00	King, Willard V.....	548. 63
Thomas Co., A. H.....	77. 25	Mitchell, J. D.....	605. 50
Weichsel Co., C.....	109. 70	Morgan, A. C.....	435. 77
Whitall Tatum Co.....	31. 33	Newell, Wilmon.....	9. 50
Lyons & Co. (Ltd.), J. L.....	3. 70	Pettit, A. K.....	15. 70
Total.....	720. 63	Pierce, W. Dwight.....	646. 30
<i>Travel and station and field expenses.</i>		Pinkus, Harry.....	199. 74
Barber, T. C.....	92. 90	Pratt, F. C.....	720. 10
Bird, T. B.....	70. 26	Runner, G. A.....	776. 97
Bishopp, F. C.....	120. 83	Safo, V. I.....	507. 10
Crumb, S. E.....	135. 98	Smith, Geo. D.....	231. 53
Cushman, R. A.....	690. 84	Thomas, W. A.....	188. 79
Elliot, F. L.....	122. 18	Tucker, E. S.....	654. 94
Hoffman, W. H., jr.....	154. 92	Van Dine, D. L.....	881. 01
Holloway, T. E.....	438. 06	Wood, Herbert P.....	49. 60
Hood, C. E.....	923. 45	Hood, Geo. W.....	98. 40
		Total.....	10, 846. 01

Total amount of appropriation..... \$42,000. 00  
 Total expenditures under above groups..... 39,890. 94

Unexpended balance on Aug. 31, 1910..... 2,109. 06  
 Outstanding liabilities (estimated)..... 1,204. 15

Balance to be turned back in Treasury (estimated)..... 904. 91

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (forest insects), \$13,500." (Original subappropriation of \$12,000 increased by transfer of \$1,500 from deciduous-fruit insects.)*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hopkins, A. D.....	Agent and expert, at \$2,750.....	\$2, 750. 00	\$110. 20
Webb, J. L.....	Agent and expert, at \$1,600.....	1, 600. 00	16. 10
Dovener, W. N.....	Agent and expert, at \$1,080.....	1, 035. 00	37. 98
Snyder, Thomas E.....	Agent and expert, at \$1,020.....	1, 020. 00	32. 50
Burke, H. E.....	Expert and agent, at \$1,600.....	1, 600. 00	191. 60
Faunce, Mary E.....	Entomological preparator, at \$600.....	600. 00	.....
Middleton, William.....	Student assistant, at \$300.....	300. 00	.....
Rohwer, Sivert Allen.....	Collaborator, at \$1 per month.....	3. 43	115. 70
Simpson, Leota G.....	Stenographer and typewriter, at \$840.....	576. 33	.....
Total.....	.....	9, 484. 76	.....
<i>Out of Washington.</i>			
Brunner, Josef.....	Agent and expert, at \$1,200.....	1, 200. 00	743. 00
Edmonston, Wm. D.....	do.....	100. 00	91. 30
Rohwen, Sivert Allen.....	do.....	856. 67	.....
Total.....	.....	2, 156. 67	.....

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (forest insects), \$13,500"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Telegraph.</i>	
Ballantyne, R. Carter.....	\$2.73	Postal Telegraph-Cable Co.....	\$0.30
Contingent expenses, Department of Agriculture.....	5.99	Western Union Telegraph Co.....	6.80
Eagle Pencil Co.....	1.68	Total.....	7.10
Library Bureau.....	14.30	<i>Apparatus, instruments, and laboratory material.</i>	
Schmidt, Fred A.....	9.17	Bausch & Lomb.....	35.55
Stott & Co., Chas. G.....	26.10	Columbia Photo Supply Co.....	2.88
Total.....	59.97	Eastman Kodak Co.....	4.85
<i>Miscellaneous supplies, etc.</i>		Flemer, Lewis.....	1.03
Blaine, James O.....	40.00	Kny-Scheerer Co.....	.50
Constant, Peter J.....	2.30	Leese, M. A.....	5.75
Contingent expenses, Department of Agriculture.....	3.04	Lewis, J. S.....	.43
Espey, Jno. B.....	3.69	Mackall Bros.....	8.25
Lansburgh & Bro.....	.90	Pullman, E. J.....	1.55
Monarch Typewriter Co.....	7.80	Shoemaker & Busch.....	.19
Muth & Co., Geo. F.....	1.40	Spencer Lens Co.....	6.16
Randolph Paper Box Co.....	16.00	Voigtlander & Son Optical Works, A. G.....	4.00
Remington Typewriter Co.....	6.30	Whitall Tatum Co.....	6.50
Wagner, Albert.....	40.00	Total.....	77.64
Washington Wood Working Co.....	30.00	<i>Travel and station and field expenses.</i>	
Woodward & Lothrop.....	5.37	Brunner, Joseph.....	743.00
Total.....	156.80	Burke, H. E.....	191.60
<i>Furniture.</i>		Edmonston, William D.....	91.30
Derby Desk Co.....	23.50	Hopkins, A. D.....	110.20
Library Bureau.....	44.00	Rohwer, S. A.....	115.70
Total.....	67.50	Snyder, Thos. E.....	32.50
<i>Express.</i>		Webb, J. L.....	16.10
Adams Express Co.....	11.05	Total.....	1,300.40
United States Express Co.....	2.85		
Total.....	13.90		

Total amount of appropriation.....	\$13,500.00
Total expenditures under above groups.....	13,324.74
Unexpended balance on Aug. 31, 1910.....	175.26
Repayments to credit of appropriation.....	56.52
Net unexpended balance.....	231.78
Outstanding liabilities (estimated).....	179.87
Balance to be turned back in Treasury (estimated).....	51.91

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (truck crop and stored product insects), \$16,250."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Chittenden, F. H.	Assistant, at \$2,750.	\$2,750.00	\$25.15
Russell, Harry M.	Agent and expert, at \$1,400.	233.33	482.00
Popenoe, C. H.	Agent and expert, at \$1,000, and entomological assistant, at \$1,200.	1,058.33	119.10
Jones, Thomas H.	Agent and expert, at \$840, and entomological assistant, at \$1,000.	886.67	74.00
Smythe, Eugene G.	Assistant preparator, at \$1,000, and entomological assistant, at \$1,200.	725.00	150.26
Hickey, Mary J. C.	Stenographer and typewriter, at \$840.	576.33	-----
Total		6,229.66	-----
<i>Out of Washington.</i>			
Russell, H. M.	Agent and expert, at \$1,400.	1,166.67	-----
Johnston, F. A.	Agent and expert, at \$1,000.	333.34	54.64
High, M. M.	Agent and expert, at \$900.	822.50	539.53
McMillan, D. K.	Scientific assistant, at \$1,200.	1,200.00	784.97
Wilson, H. F.	Special field agent, at \$1,000.	166.66	216.87
Marsh, Harold O.	Expert preparator, at \$1,000.	1,000.00	588.90
Smythe, Eugene G.	Assistant preparator, at \$1,000.	333.33	-----
Condit, Ira J.	Collaborator, at \$1 per month.	12.00	-----
Heller, C. S.	do.	7.00	-----
Parker, Wm. B.	do.	4.00	-----
Robinson, Charles F.	Unskilled laborer, at \$1.50 per diem.	51.00	-----
Total		5,096.50	-----

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ballantyne, R. Carter	\$5.10	Dreer (Inc.), Henry A.	\$7.40
Contingent expenses, Department of Agriculture	21.62	Edmonston, Chas. R.	1.00
Lamb & Tilden	1.22	Espey, Inc. B.	7.20
Library Bureau	46.50	Galt & Co., W. M.	2.17
Lindemeyr, P.	7.00	Gatchell & Manning	25.10
Rockwell, Chas. F.	3.25	Good, James	17.08
United States Envelope Co.	14.80	Goulds Manufacturing Co.	51.71
Valley Paper Co.	23.76	Grain Dealers Co.	3.11
Total	123.25	Gutta Percha & Rubber Manufacturing Co.	.20
<i>Miscellaneous supplies, etc.</i>		Hartig, Louis	2.85
Allen & Co., S. L.	9.00	Lambie Co. (Inc.), James B.	5.78
American Entomological Co.	21.28	Lansburgh & Bro.	1.25
American Sprayer Co.	56.50	Leggett & Bro.	8.60
Barber & Ross	3.80	Lurssen's Sons Co., C. C.	4.32
Bedell Manufacturing Co.	1.60	McKesson & Robbins	12.00
Boligiano & Co., F. W.	48.65	May Hardware Co., F. P.	1.00
Bond, R. B.	3.50	Mitchell & Co., Henry	2.40
Brown Co., E. C.	24.70	Mimson Supply Co.	3.15
Buckley, John W.	27.60	Nash, Mrs. Louise	6.50
Church, W. H.	.50	Randolph Paper Box Co.	37.00
Clarke Co., R. P.	4.22	Regan, Thomas	13.92
Contingent expenses, Department of Agriculture	59.74	Remington Typewriter Co.	3.15
		Rudolph & West Co.	.29
		St. John, M. L.	30.00
		Schultz, G. Edward	7.00
		Sherwin-Williams Co.	9.00



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (truck crop and stored product insects), \$16,250"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent.</i>	
Sloane, W. & J.....	\$13.26	Albert Masonic Lodge No. 89.....	\$15.00
Southern Printers Supply Co.....	.78	Edwards, T. W.....	86.77
Stump & Walter Co.....	1.00	Total.....	101.77
Talmadge (Inc.), Geo. E.....	1.00	<i>Apparatus, instruments, and laboratory material.</i>	
Typewriter & Office Supply Co.....	1.00	Bausch & Lomb Optical Co.....	97.37
Western Electric Co.....	9.50	Eastman Kodak Co.....	18.00
Whittier Transfer Co.....	6.00	Eimer & Amend.....	17.50
Woodward & Lothrop.....	.50	Flemer, Lewis.....	2.03
Total.....	557.31	Franklin & Co.....	11.75
<i>Furniture.</i>		Gilman, Z. D.....	6.20
Colyear Van & Storage Co.....	31.25	Green, Henry J.....	12.00
Library Bureau.....	40.40	Heil Chemical Co., Henry.....	13.80
Lincoln, Fred. S.....	5.00	Howland & Dewey Co.....	16.59
Moses & Co., W. B.....	103.25	Leese, M. A.....	1.95
Woodward & Lothrop.....	11.00	Luthin, R. H.....	.62
Yawman & Erbe Manufacturing Co.....	12.55	Mackall Bros.....	3.19
Total.....	203.45	Pullman, E. J.....	99.42
<i>Freight.</i>		Schneider Bros.....	3.30
Central R. R. Co. of New Jersey.....	.65	Shoemaker & Busch.....	18.71
Knox Express Co., The Geo. W.....	.74	Thomsen Chemical Co.....	13.31
Roosa, I. P.....	1.50	Voigtlander & Son Optical Works, A. G.....	162.25
St. Louis, Brownsville & Mexico Ry.....	1.84	Total.....	497.99
Southern Pacific Co.....	12.06	<i>Travel and station and field expenses.</i>	
Total.....	16.79	Chittenden, F. H.....	25.15
<i>Express.</i>		High, M. M.....	539.53
Adams Express Co.....	17.45	Johnston, Fred A.....	54.64
United States Express Co.....	29.62	Jones, Thos. H.....	74.00
Total.....	47.07	McMillan, D. K.....	784.97
<i>Telegraph.</i>		Marsh, Harold O.....	588.90
Postal Telegraph-Cable Co.....	4.02	Popenoe, C. H.....	119.10
Western Union Telegraph Co.....	14.75	Russell, H. M.....	482.00
Total.....	18.77	Smyth, Eugene G.....	150.26
		Wilson, H. F.....	1.15
		Total.....	2,819.70

Total amount of appropriation.....	\$16,250.00
Total expenditures under above group.....	15,712.26
Unexpended balance on Aug. 31, 1910.....	537.74
Outstanding liabilities (estimated).....	281.56
Balance to be turned back in Treasury (estimated).....	256.18

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (bee culture), \$10,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Phillips, E. F.	Expert, at \$2,500.	\$2,500.00	\$320.07
White, G. F.	Expert at \$150 per month.	1,050.00	105.90
Gates, Burton N.	Expert, at \$1,400.	291.67	22.10
Nelson, James A.	Agent and expert, at \$1,400.	1,400.00	
McCray, Arthur H.	Agent and expert, at \$1,200.	350.00	
Stabler, Sydney S.	Agent and expert, at \$900.	192.50	14.40
Snodgrass, R. E.	Expert preparator, at \$1,200.	300.00	
Clayton, Mabel F.	Entomological preparator, at \$600.	200.00	
Dashiell, Ellen M.	do.	526.67	
Simpson, Leota G.	Stenographer and typewriter, at \$840.	53.67	
Freeman, Jefferson.	Unskilled laborer, at \$40 per month.	140.00	
Total.		7,004.51	
<i>Out of Washington.</i>			
Gates, Burton N.	Expert, at \$1,400, and apicultural assistant, at \$1,400.	1,108.33	
McCray, Arthur H.	Apicultural assistant, at \$1,200.	60.00	
Warfield, Wilson L.	Special agent, at \$35 per month.	79.33	
Nicholls, E. I.	Clerk and typewriter, at \$600.	150.00	
Freeman, Jefferson.	Unskilled laborer, at \$40 per month.	120.00	
Price, J. C. C.	Collaborator, at \$1 per month.	3.00	
Surface, H. A.	do.	9.00	
Symons, Thomas B.	do.	9.00	
Total.		1,538.66	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Contingent expenses, Department of		Troth, Jr., H. E.	\$3.75
Agriculture.	\$10.84	Underwood Typewriter Co.	4.50
Library Bureau.	87.98	Weaver, W. F. & T. B.	.50
Schmidt, Fred A.	1.38	Woodward & Lothrop.	5.95
United States Envelope Co.	43.85	Worcester Cigar Box Co.	22.00
United States Paper Goods Co.	63.28	Total.	400.04
Total.	207.33	<i>Furniture.</i>	
<i>Miscellaneous supplies, etc.</i>		Derby Desk Co.	21.00
Barber & Ross.	5.27	Lansburgh, Julius, Furniture & Carpet Co.	2.94
Bedell Manufacturing Co.	.80	Library Bureau.	63.73
Calvert, Geo. H.	61.20	Total.	87.67
Contingent expenses, Department of		<i>Freight.</i>	
Agriculture.	15.12	Knox Express Co., Geo. W., The.	\$0.25
Copeland Co., M. G.	3.50	<i>Express.</i>	
Espey, Jno. B.	.13	Adams Express Co.	6.36
Estes & Son, E. B.	10.00	United States Express Co.	1.15
Gaskins, Wm. H.	8.80	Total.	7.51
Gatchel & Manning.	1.00	<i>Telegraph.</i>	
Haverford Cycle Co.	5.75	Western Union Telegraph Co.	.40
Heiskell & Co., P. H.	5.35		
Hulse, Edgar J.	26.00		
Maurice Joyce Engraving Co., The.	1.50		
Kennon, Chas. C.	11.00		
Lambie Co. (Inc.), James B.	5.01		
Lansburgh & Bro.	2.10		
Maryland Agriculture College.	120.00		
Miller & Graham.	2.70		
Mimson Supply Co.	3.15		
Root Co., A. I.	72.99		
Rudolph & West Co.	1.97		

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (bee culture), \$10,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Chesapeake & Potomac Telephone Co., The.....	\$0.50	Shoemaker & Busch.....	\$0.40
<i>Rent.</i>		Thomas Co., A. H.....	17.10
Simpson, jr., John.....	30.00	Total.....	89.99
<i>Apparatus, instruments, and laboratory material.</i>		<i>Travel and station and field expenses.</i>	
Bausch & Lomb Optical Co.....	40.70	Gates, Burton N.....	22.10
Eastman Kodak Co.....	3.60	McCray, Arthur H.....	14.40
Elmer & Amend.....	3.35	Phillips, E. F.....	320.07
Gilman, Z. D.....	8.46	White, G. F.....	105.90
Mackall Bros.....	16.38	Total.....	462.47

Total amount of appropriation.....	\$10,000.00
Total expenditures under above groups.....	9,829.33
Unexpended balance on Aug. 31, 1910.....	170.67
Outstanding liabilities (estimated).....	63.49
Balance to be turned back in Treasury (estimated).....	107.18

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (citrus-fruit insects), \$16,500."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Mariatt, C. L.....	Entomologist and acting chief of bureau, at \$3,000.....	\$1,750.00	.....
Sanders, J. G.....	Agent and expert, at \$1,800.....	1,200.00	.....
Zimmer, James F.....	Agent and expert, at \$1,000.....	500.00	.....
Gibbons, F. Monroe.....	Agent and expert, at \$50 per month and \$60 per month.....	155.00	.....
Sasscer, E. R.....	Scientific assistant, at \$1,200.....	330.00	\$389.03
Total.....		3,935.00	.....
<i>Out of Washington.</i>			
Morrill, Austin W.....	Special field agent, at \$2,000.....	333.33	40.45
Woglum, R. S.....	Special agent, at \$1,600.....	1,600.00	1,006.00
Maskew, Frederick.....	Special agent, at \$1,200.....	266.67	73.85
Back, E. A.....	Agent and expert, at \$1,600.....	1,600.00	478.94
Yothers, W. W.....	Agent and expert, at \$1,400 and \$1,600.....	1,424.99	.....
Crossman, S. S.....	Agent and expert, at \$1,000.....	791.67	296.89
Sasscer, E. R.....	Scientific assistant, at \$1,200.....	200.00	.....
French, Jesse.....	Student assistant, at \$25 per month.....	50.00	.....
Pilate, G. R.....	Laborer, at \$75 per month.....	225.00	.....
Bennett, J. B.....	Laborer, at \$1.50 per diem.....	39.00	.....
Link, Otto.....	do.....	301.50	.....
Link, Alfred.....	Laborer, at 80 cents per diem.....	65.80	.....
Total.....		6,897.96	.....



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (citrus-fruit insects), \$16,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Gas and electricity.</i>	
Ballantyne, R. Carter.....	\$9. 25	Orlando Water & Light Co.....	\$43. 00
Clarke Co., R. P.....	3. 50	<i>Apparatus, instruments, and laboratory material.</i>	
Drew Co., H. & W. B.....	10. 75	Abernethy Drug Co.....	2. 75
Library Bureau.....	13. 50	Baker, Reid S.....	2. 05
Lindemeyr, P.....	. 98	Bausch & Lomb Optical Co.....	90. 96
Total.....	37. 98	Braun, F. W.....	112. 25
<i>Miscellaneous supplies, etc.</i>		Columbia Photo Supply Co.....	5. 60
Bumby, Joseph.....	38. 05	Cramer Dry Plate Co., G.....	11. 56
Campbell, J. P.....	43. 40	Eastman Kodak Co.....	22. 29
Contingent expenses, Department of Agriculture.....	11. 06	Flemer, Lewis.....	1. 77
Friend Manufacturing Co.....	4. 32	Friez, Julien P.....	2. 30
Helms Hardware Co.....	41. 00	Gilman, Z. D.....	3. 20
Hettrick Bros. Co.....	6. 31	Howard, C. E.....	5. 90
Irvine, M. P.....	7. 55	Luthin, R. H.....	1. 15
Magruder, J. B.....	85. 50	Mackall Bros.....	4. 85
Muth & Co., Geo. E.....	30. 30	Pullman, E. J.....	1. 60
Orlando Novelty Works.....	7. 50	Roessler & Hasslacher Chemical Co.....	51. 20
Orlando Water & Light Co.....	2. 00	Shoemaker & Busch.....	12. 32
Painter Fertilizer Co., E. O.....	69. 44	Sussman Photo Stock Co., J.....	2. 70
Washington Wood Working Co.....	20. 00	Thomas Co., A. H.....	8. 74
Total.....	336. 43	Voigtlander & Sohn Optical Works, A. G.....	113. 50
<i>Furniture.</i>		Total.....	456. 69
Library Bureau.....	80	<i>Travel and station and field expenses.</i>	
Moses & Co., W. B.....	28. 28	Back, E. A.....	478. 94
Total.....	29. 08	Crossman, S. S.....	296. 89
<i>Express.</i>		Maskew, Frederick.....	73. 85
Adams Express Co.....	8. 85	Morrill, A. W.....	40. 45
<i>Telegraph.</i>		Sasser, E. R.....	389. 08
Postal Telegraph-Cable Co.....	. 40	Woglum, R. S.....	1,006. 00
Western Union Telegraph Co.....	7. 70	Yothers, W. W.....	623. 01
Total.....	8. 10	Total.....	2,908. 17
<i>Rent.</i>			
Schnarr, John.....	240. 00		
Whittier National Bank.....	240. 00		
Total.....	480. 00		
Total amount of appropriation.....		\$16,500. 00	
Total expenditures under above groups.....		15,141. 26	
Unexpended balance on Aug. 31, 1910.....		1,358. 74	
Outstanding liabilities (estimated).....		479. 32	
Balance to be turned back in Treasury (estimated).....		879. 42	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (miscellaneous insects), \$34,050."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Clifton, R. S.	Executive assistant, at \$2,250	\$2,250.00	\$50.05
Schwarz, E. A.	Assistant, at \$2,000	2,000.00	104.05
Coquillelt, D. W.	Assistant, at \$1,800	1,800.00	
Pergande, Theo.	Assistant, at \$1,600	1,600.00	
Caudell, A. N.	Assistant, at \$1,400	1,400.00	
Heidemann, Otto.	do	1,400.00	
Sasscer, E. R.	Scientific assistant, at \$1,200 and \$1,400	736.67	
Banks, Nathan	Assistant entomologist, at \$1,800	1,750.00	
Currie, Rolla P.	do	1,800.00	
Busck, August	Entomological assistant, at \$1,600	1,600.00	77.50
Wilson, H. F.	Special field agent, at \$1,000, and entomological assistant, at \$1,200	591.67	
Bourne, Arthur I.	Agent and expert, at \$1,000	625.00	
Couden, F. D.	Expert, at \$1,000	166.66	
Keleher, W. A.	Expert preparator, at \$840	821.33	
Baker, Emily	Assistant preparator, at \$50 per month	600.00	
Clayton, Mabel F.	Entomological preparator, at \$600	400.00	
King, Bessie	Entomological preparator, at \$50 per month	600.00	
Ritchie, Elizabeth	do	600.00	
Knab, Frederick	Draftsman, at \$1,200	950.00	
Hickey, Mary J. C.	Stenographer and typewriter, at \$840	53.67	
Total		21,745.00	
<i>Out of Washington.</i>			
Bishopp, Fred C.	Agent and expert, at \$1,600	1,066.67	
Barber, Thomas C.	Agent and expert, at \$1,300	866.67	
King, Willard V.	Agent and expert, at \$100 per month, and entomological assistant, at \$1,200	400.00	
Mitchell, Joseph D.	Agent and expert, at \$1,200	400.00	
Wilson, H. F.	Entomological assistant, at \$1,200	300.00	
Wood, Herbert P.	Special agent, at \$1,000	666.67	
Cooley, Robert A.	Collaborator, at \$300	100.00	173.45
Newell, Wilmon	Collaborator, at \$200	133.34	
Jacobs, Joseph	Clerk, stenographer, and typewriter, at \$900	650.00	
Freeman, Jefferson	Unskilled laborer, at \$40 per month	20.00	
Total		4,603.35	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Andrews Paper Co., R. P.	\$40.12	American Entomological Co.	\$37.08
Ballantyne, R. Carter.	11.06	Ames & Co.	5.50
Clarke Co., R. P.	7.50	Armentrout & Sons	1.25
Columbia Ribbon & Carbon Manufacturing Co.	9.75	Barber & Ross	.72
Contingent expenses, Department of Agriculture	466.06	Bedell Manufacturing Co.	2.32
Eagle Pencil Co.	1.47	Burton & Son, R. C. M.	9.00
Lamb & Tilden	.76	Capital Traction Co.	15.00
Library Bureau	175.75	Carmody, M.	115.00
Lindemeyr, P.	15.26	Clarke Co., R. P.	4.00
Mathers-Lamm Paper Co.	2.40	Consolidated Sales Co. (Inc.)	5.58
Schmidt, Fred A.	32.78	Contingent expenses, Department of Agriculture	432.51
Siebert, John F.	4.90	Corr, P. M.	.75
Swayze, W. L.	4.59	Dejonge & Co., Louis	3.35
Swayze, Bailey & Co.	1.75	Dreher Bros.	39.10
Union Envelope Co.	9.08	Electric Goods Manufacturing Co.	80.00
United States Envelope Co.	11.24	Elliott-Fisher Co.	9.96
United States Paper Goods Co.	8.16	Espey, Jno. B.	5.49
Valley Paper Co.	9.90	Fireman, Peter	42.10
Total	812.53	Gatchel & Manning	3.50
		Hartig, Louis	.89
		Haverford Cycle Co.	10.30
		Heiskell, Jr., & Co., P. H.	.54

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Entomology, 1910 (miscellaneous insects), \$34,050"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Telegraph.</i>	
Houck, S. D.	\$5.25	Postal Telegraph Cable Co.	\$0.23
Hunt & Co., J. W.	1.40	Western Union Telegraph Co.	2.14
Joyce Engraving Co., The Maurice.	.81	Total.	2.37
Kann Sons Co., S.	2.50	<i>Telephone.</i>	
Lambie Co. (Inc.), James B.	2.72	Chesapeake & Potomac Telephone Co., The	44.09
Lansburgh & Bro.	5.63	<i>Rent.</i>	
Library of Congress.	11.98	Rawl, John Jacob	40.00
Markham Lbr. Co., J. L.	1.20	<i>Apparatus, instruments, and laboratory material.</i>	
Monarch Typewriter Co.	.76	Bausch & Lomb Optical Co.	162.98
Montassdon, A. L.	50.00	Boyd & Co., F. O.	22.69
Mimson Supply Co.	34.65	Columbia Photo Supply Co.	1.00
Murphy Co. (Inc.), E. J.	6.02	Eastman Kodak Co.	5.40
Muth & Co., Geo. F.	4.69	Flemer, Lewis	1.77
National Window & Office Cleaning Co.	16.00	Gilman, Z. D.	6.41
New York Cycle Co.	2.50	Kny-Scheerer Co.	9.15
Newell, Wilman.	12.50	Mackall Bros.	5.30
Randolph Paper Box Co.	45.75	Schmidt, Fred A.	1.30
Red "C" Oil Manufacturing Co.	.65	Shoemaker & Busch.	1.30
Remington Typewriter Co.	8.10	Spencer Lens Co.	3.74
Russell & Erwin Manufacturing Co.	.50	Thomas Co., A. H.	7.78
Smith & Bros. Typewriter Co., L. C.	80.00	Whitall Tatum Co.	29.64
Somerville Co., Thos.	12.65	Total.	258.46
Syracuse Caster & Felt Co.	.50	<i>Travel and station and field expenses.</i>	
Thomson Hardware Co., H. N.	.25	Barber, T. C.	81.35
Titche-Goettinger Co.	1.00	Bishopp, F. C.	354.45
Underwood Typewriter Co.	164.00	Busch, August.	77.50
Walford, D. N.	6.75	Clifton, R. S.	21.15
Total.	1,302.70	Cooley, R. A.	173.45
<i>Furniture.</i>		Howard, L. O.	119.50
Hoeke, Wm. H.	4.00	King, Willard V.	400.00
House & Hermann.	2.22	Mitchell, J. D.	121.10
Lansburgh Furniture & Carpet Co., Julius.	11.22	Newell, Wilmon.	147.17
Library Bureau.	188.35	Schwary, E. A.	104.05
Moses & Co., W. B.	29.25	Wilson, H. F.	215.72
Woodward & Lothrop.	12.37	Wood, Herbert P.	35.35
Yawman & Erbe Manufacturing Co.	1.00	Total.	1,850.79
Total.	248.41		
<i>Freight.</i>			
Knox Express Co., The Geo. W.	.25		
Roosa, J. P.	14.05		
Southern Ry. Co.	4.02		
Total.	18.32		
<i>Express.</i>			
Adams Express Co.	14.19		
United States Express Co.	2.55		
Total.	16.74		

Total amount of appropriation.	\$34,050.00
Total expenditures under above groups.	20,942.76
Unexpended balance on Aug. 31, 1910.	3,107.24
Outstanding liabilities (estimated).	967.24
Balance to be turned back in Treasury (estimated).	2,140.00



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Dyar, Harrison G.	Agent and expert, at \$1,800	\$1,800.00	
Viereck, H. L.	Agent and expert, at \$1,400	1,400.00	\$30.00
Dovenor, Wm. N.	Agent and expert, at \$1,080	45.00	
Burgess, A. F.	Expert, at \$1,800	600.00	738.17
Snodgrass, R. E.	Expert, at \$1,200	600.00	
Barber, Herbert S.	Assistant, at \$1,200	1,200.00	70.57
Wall, E. W.	Entomological preparator, at \$600	600.00	
O'Leary, E. B.	Clerk, at \$1,800	1,800.00	
Total		8,045.00	
<i>Out of Washington.</i>			
Rogers, Dexter M.	Special agent, at \$2,750	2,750.00	2,095.49
Vinton, Harry W.	Special agent, at \$90 per month	1,080.00	308.74
Fiske, W. F.	Agent and expert, at \$2,000	2,000.00	982.73
Smith, Harry S.	Agent and expert, at \$1,500	1,500.00	718.02
Thompson, Wm. R.	Agent and expert, at \$1,200	1,200.00	643.73
Timberlake, P. H.	do	500.00	277.62
Woolridge, Reginald	do	600.00	342.53
Collins, C. Walter	Agent and expert, at \$1,000	999.97	641.75
Patterson, T. L.	Agent and expert, at \$900	525.00	348.06
Burgess, A. F.	Expert, at \$1,800	1,200.00	
Townsend, C. H. T.	Expert preparator, at \$1,600	462.22	331.35
Carmody, Mary	Entomological draftsman, at \$100 per month	200.00	15.30
Kincaid, Trevor	Collaborator, at \$1 per month	9.00	
Clinton, George P.	do	1.00	
Bruner, Lawrence	do	9.00	27.19
Taylor, E. P.	do	8.00	130.13
Vuilleit, A.	do	9.00	
Connolly, Arthur L.	Clerk, stenographer, and typewriter, at \$1,200	770.00	
Dalton, H. B.	Stenographer and typewriter, at \$1,200	1,200.00	
Bowmar, Thos. W.	Clerk, stenographer, and typewriter, at \$900	300.00	
Mahan, Thomas F.	Clerk, at \$720	436.00	
Bailey, Irving L.	General foreman, at \$3.50 per diem	1,039.50	497.02
Murphy, David G.	do	1,074.50	299.21
Wyman, Oscar L.	Spray foreman, at \$2.80 per diem, and foreman, at \$2.50 per diem and \$2.64 per diem	754.71	
McIntyre, Henry L.	Foreman, at \$3.50 per diem	1,046.50	554.53
Sweeney, John W.	Foreman, at \$3 per diem	738.00	
Sargent, James F.	Foreman, at \$2.88 per diem	132.48	
Cross, Arthur L.	Foreman, at \$2.80 per diem and \$2.88 per diem	492.12	
Holbrook, Milton T.	do	514.24	
Lewis, Harold N.	Foreman, at \$2.80 per diem	159.60	
Stacy, F. Choate	Foreman, at \$2.80 per diem, and scout, at \$2.40 per diem	51.05	
Webb, Roy P.	Foreman, at \$2.80 per diem	165.36	
Moloy, James E.	Foreman, at \$2.56 per diem	129.38	
Abbott, Geo. W.	Foreman, at \$2.50 per diem and \$2.64 per diem	708.72	
Ames, Harold A.	do	774.53	
Bailey, Bryant M.	do	701.00	
Bean, Henry N.	Foreman, at \$2.50 per diem and \$2.88 per diem	657.61	4.65
Byron, Samuel A.	Foreman, at \$2.50 per diem	302.19	
Christie, Edgar	Foreman, at \$2.50 per diem and \$2.64 per diem	733.58	
Crayton, John S.	do	745.07	
Feehey, Michael H.	do	712.45	
Foster, Walter E.	do	737.86	
Freeman, W. H.	do	752.64	
Glennon, Jno. F.	do	744.39	
Holmes, Walter F.	Foreman, at \$2.50 per diem	43.75	
Kelley, Wm. F.	Foreman, at \$2.50 per diem, \$2.80 per diem, and \$2.88 per diem	561.04	
Lame, Gilbert E.	Foreman, at \$2.50 per diem and \$2.64 per diem	720.80	
McKee, Geo. W.	do	670.97	
Miller, Geo. A.	do	744.66	
Nelligan, John P.	do	688.48	
Newbegin, Irving B.	do	747.61	
Nichols, Charles C.	Foreman, at \$2.50 per diem, \$2.80 per diem, and \$2.88 per diem	729.56	

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Peterson, Peter C.	Foreman, at \$2.50 per diem.	\$284.69	
Pike, Asa O.	Foreman, at \$2.50 per diem, \$2.80 per diem, and \$2.88 per diem.	687.44	
Reinhalter, Jos. F.	Foreman, at \$2.50 per diem and \$2.64 per diem.	722.90	
Sadler, Edmund M.	Foreman, at \$2.50 per diem and \$2.80 per diem.	398.10	
Soule, A. Morton G.	Foreman, at \$2.50 per diem, \$2.80 per diem, and \$2.88 per diem.	679.00	
Stevens, Chas. W.	Foreman, at \$2.50 per diem and \$2.64 per diem.	732.60	
Stockwell, Chellis.	Foreman, at \$2.50 per diem, \$2.80 per diem, and \$2.88 per diem.	710.01	\$109.69
Totman, Charles E.	do	724.04	
Clifford, Henry H.	Toolkeeper, at \$2.80 per diem.	865.20	
Kettell, Geo. H.	Assistant toolkeeper, at \$2.40 per diem.	631.20	
Beadle, Chas. S.	Scout, at \$2.56 per diem.	117.76	
Glass, Robt. J.	do	112.64	
Larey, Alfred R.	do	136.96	
Locke, George E.	do	64.00	
Luther, George W.	do	245.44	
Otis, Arthur W.	do	291.52	
Parks, Byron E.	do	112.64	
Abbott, Sherman E.	Scout, at \$2.40 per diem; laborer, at \$2 per diem, and scout, at \$2.56 per diem.	485.00	
Bailey, Fred O.	Scout, at \$2.40 per diem and \$2.56 per diem.	333.60	
Baker, Elmer R.	do	486.56	
Baker, Geo. F.	Scout, at \$2.40 per diem; laborer, at \$2 per diem, and scout, at \$2.56 per diem.	415.92	
Bedell, Daniel F.	Scout, at \$2.40 per diem.	260.80	
Blaisdell, Fred W.	Scout, at \$2.40 per diem; and laborer, at \$2 per diem and \$2.24 per diem.	524.64	
Blake, Smith C.	Scout, at \$2.40 per diem and \$2.56 per diem.	518.64	
Blanchard, Maurice H.	Scout, at \$2.40 per diem.	198.40	
Boardman, Chester C.	Scout, at \$2.40 per diem and \$2.56 per diem.	451.95	
Brown, Frank W.	do	185.76	
Brown, Willis F.	Scout, at \$2.40 per diem.	138.00	
Bunker, Melvin E.	do	322.16	
Carter, Chester C.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem.	246.80	
Chandler, Frank A.	Scout, at \$2.40 per diem and \$2.56 per diem, and laborer, at \$2.24 per diem.	663.57	
Chandler, H. Benj. T.	Scout, at \$2.40 per diem.	74.00	
Clark, Oscar T.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem.	218.80	
Coleman, James P.	Scout, at \$2.40 per diem; laborer, at \$2 per diem, and scout, at \$2.56 per diem.	394.24	
Copson, John.	Scout, at \$2.40 per diem, and foreman, at \$2.80 per diem and 2.88 per diem.	595.55	
Doe, Walter H.	Scout, at \$2.40 per diem and \$2.56 per diem.	456.02	
Dorr, Fred. W.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem.	178.00	
Doten, Amos W.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem and \$2.24 per diem.	373.37	
Downing, Elmer R.	Scout, at \$2.40 per diem and \$2.56 per diem.	279.76	
Hill, Geo. E.	do	418.74	
Kimball, Winslow Y.	do	480.82	
Langevin, Joseph F.	Scout, at \$2.40 per diem.	71.25	
McCombie, John R.	Scout, at \$2.40 per diem and \$2.56 per diem.	327.28	
McIver, Henry G.	Scout, at \$2.40 per diem.	244.60	
Pratt, Clifford.	Scout, at \$2.40 per diem and \$2.56 per diem.	585.45	
Torr, Charles W.	do	415.44	
Twiss, Lyman H.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem and \$2.24 per diem.	575.53	
Underwood, Chester E.	Scout, at \$2.40 per diem and \$2.56 per diem.	356.96	
Young, Albert A.	Scout, at \$2.40 per diem.	329.56	
Carter, Fred.	Laborer, at \$2.24 per diem.	87.64	
Collins, Peter.	do	215.32	
Doucett, George.	do	129.80	
Adams, Robert M.	Laborer, at \$2 per diem.	35.00	
Ahearn, Wm. J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	648.16	
Algeo, Wm. T.	Laborer, at \$2 per diem and \$2.24 per diem.	457.98	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Allen, Frederick O.	Laborer, at \$2 per diem.	\$4.00	
Allison, Philip W.	do.	79.50	
Altieri, Peter C.	do.	69.50	
Anderson, Wm. H.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	582.24	
Anderson, Walter R.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	659.87	
Andrews, Edward S.	Laborer, at \$2 per diem.	376.29	
Andrews, Henry W.	do.	23.00	
Andrews, Joseph.	do.	2.00	
Apt, Herbert W.	do.	2.75	
Austin, George L.	do.	142.00	
Avery, Walter J.	do.	4.00	
Bailey, Ralph E. G.	do.	70.00	
Baker, Walter E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	623.68	
Bamberg, Wm. F.	Laborer, at \$2 per diem and \$2.24 per diem.	512.54	
Barbour, George M.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	308.13	
Barker, Chester H.	Laborer, at \$2 per diem.	167.00	
Barlow, John.	do.	4.00	
Barnaby, John H.	do.	52.75	
Barnes, Thomas.	Laborer, at \$2 per diem and \$2.24 per diem.	499.65	
Barrett, Edward J.	Laborer, at \$2 per diem.	171.75	
Bateman, Michael J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	332.02	
Baxter, Augustus D.	Laborer, at \$2 per diem.	80.75	
Beal, Maurice.	do.	229.20	
Bean, Elmer A.	do.	155.00	
Bearce, Willard C.	do.	180.70	
Bell, Seylon.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	382.59	
Bemis, Chas. W.	Laborer, at \$2 per diem.	206.75	
Bent, Wm. A.	Laborer, at \$2 per diem and \$2.24 per diem.	530.60	
Berry, Elmer E.	Laborer, at \$2 per diem.	123.00	
Bickford, Fred C.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	623.68	
Bird, Daniel C.	Laborer, at \$2 per diem.	89.75	
Birmingham, Edward.	do.	1.00	
Bishop, Wm. E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	385.28	
Blaisdell, Israel.	Laborer, at \$2 per diem.	190.25	
Bliss, Leroy C.	do.	29.25	
Bonning, Julius.	do.	4.00	
Brady, John J.	do.	2.25	
Breen, Harry E.	Laborer, at \$2 per diem, and scout, at \$2.80 per diem.	480.01	
Brennan, Oron.	Laborer, at \$2 per diem.	35.00	
Brennan, Robert.	do.	205.72	
Breslin, Joseph.	do.	85.25	
Brewer, Joseph S.	Laborer, at \$2 per diem and \$2.24 per diem.	538.66	
Brogan, Jno. F.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	405.59	
Brown, Harry.	Laborer, at \$2 per diem.	102.40	
Brown, Wm. A.	do.	17.75	
Bryant, Arthur.	do.	175.00	
Burke, James W.	do.	9.75	
Burke, Thomas F.	do.	85.50	
Burnham, Alonzo L.	do.	293.16	
Burrage, Warren S.	do.	597.28	
Butler, Joseph W.	do.	342.15	
Butman, Archie H.	do.	341.14	
Buzzell, Harry O.	do.	173.75	
Cahill, Peter A.	do.	133.00	
Call, Louis D.	Laborer, at \$2 per diem and \$2.24 per diem.	563.27	
Callan, Joseph J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	512.43	
Campbell, Henry C.	Laborer, at \$2 per diem.	45.00	
Cannan, John W.	do.	18.25	
Carey, Wm. F.	do.	98.25	



## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Carians, John A.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	\$504.80	-----
Carpenter, C. J.	Laborer, at \$2 per diem.	326.76	-----
Carpenter, Paul M.	do.	26.00	-----
Carter, James H.	do.	10.50	-----
Carter, Willis H.	do.	73.50	-----
Casey, Daniel M.	do.	94.00	-----
Casey, Daniel P.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem, and laborer, at \$2.24 per diem, and scout, at \$2.56 per diem.	523.06	-----
Cashman, John J.	Laborer, at \$2 per diem and \$2.24 per diem.	493.94	-----
Cayo, Edward H.	Laborer, at \$2 per diem.	126.00	-----
Celorier, Wilfred.	do.	181.75	-----
Chaffin, Linwood L.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	394.56	-----
Charles, Geo. W.	Laborer, at \$2 per diem and \$2.24 per diem.	502.88	-----
Chase, Lyman W.	do.	565.93	-----
Cheney, Albert C.	Laborer, at \$2 per diem.	90.00	-----
Chesley, Arthur E.	do.	25.00	-----
Chisholm, James W.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	539.60	-----
Clark, Albert A.	Laborer, at \$2 per diem and \$2.24 per diem.	462.61	-----
Clark, Dannie W.	Laborer, at \$2 per diem.	12.25	-----
Clark, Wm. M.	do.	4.00	-----
Cleary, Hugh J.	do.	2.25	-----
Cleary, Patrick J.	do.	207.45	-----
Cluney, Joseph J.	do.	67.75	-----
Coffin, Paul S.	Laborer, at \$2 per diem, and spray foreman, at \$3.60 per diem.	402.94	-----
Coffin, Robt. L.	Laborer, at \$2 per diem.	2.00	-----
Cole, Guy H.	Laborer, at \$2 per diem and \$2.56 per diem.	614.76	-----
Collins, Arthur L.	Laborer, at \$2 per diem.	2.00	-----
Collins, Daniel J.	do.	133.25	-----
Collins, John J.	Laborer, at \$2 per diem and \$2.24 per diem.	463.36	-----
Collins, L. Earl.	Laborer, at \$2 per diem.	14.00	-----
Collins, Millard E.	do.	397.39	-----
Collins, Solomon.	do.	492.10	-----
Collins, Thomas.	do.	5.75	-----
Comeau, Douglas R.	do.	105.75	-----
Commo, Fred.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	262.65	-----
Conneen, John H., jr.	Laborer, at \$2 per diem.	64.00	-----
Connelly, John M.	do.	90.00	-----
Connelly, James F.	do.	153.00	-----
Connor, John H.	do.	267.50	-----
Cook, Calvin F.	do.	205.12	-----
Cooney, John J.	do.	79.75	-----
Corbett, George.	Laborer, at \$2 per diem and \$2.24 per diem.	528.83	-----
Corkery, John F.	Laborer, at \$2 per diem.	126.50	-----
Cornell, Fred L.	Laborer, at \$2 per diem and \$2.24 per diem.	575.54	-----
Crathorne, Jno. J.	Laborer, at \$2 per diem.	30.50	-----
Crocker, Wm. E.	do.	63.75	-----
Crockette, John J.	do.	129.25	-----
Cromie, Urban J.	do.	8.75	-----
Cunnert, Fritz.	Laborer, at \$2 per diem, and foreman, at \$2.64 per diem, and spray foreman, at \$3.60 per diem.	605.85	-----
Cunningham, Wm. A.	Laborer, at \$2 per diem.	176.75	-----
Currier, Herbert J.	do.	421.53	-----
Currier, Ralph E.	do.	165.00	-----
Curtis, George W.	do.	320.78	-----
Curtis, Harold.	do.	96.50	-----
Curtis, Justin D.	Laborer, at \$2 per diem and \$2.24 per diem.	391.52	-----
Curtis, Robt. G.	Laborer, at \$2 per diem, and foreman, at \$2.64 per diem.	591.85	-----
Cushing, John J.	Laborer, at \$2 per diem.	8.25	-----
Cutter, Henry H.	do.	463.00	-----
Daly, Daniel.	do.	55.00	-----
Damon, Charles W.	do.	329.12	-----
Danforth, Benj. L.	do.	487.70	-----
Davidson, Wm. S.	do.	199.00	-----

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Davis, Chas. H.....	Laborer, at \$2 per diem .....	\$76.00	.....
Davis, Charles T.....	do.....	25.00	.....
Davis, Nahum I.....	do.....	25.75	.....
Day, Ralph R.....	do.....	76.00	.....
De Louchery, R. J.....	do.....	295.75	.....
Dempsey, Frank M.....	Laborer, at \$2 per diem and \$2.24 per diem.....	589.06	.....
Dennis, Byron A.....	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.....	469.40	.....
Desmond, Daniel D.....	Laborer, at \$2 per diem.....	2.00	.....
Deveney, Michael.....	do.....	29.75	.....
Devir, Ernest N.....	do.....	20.75	.....
Dewgaw, Wm. W.....	do.....	343.18	.....
Dewire, Frank J.....	do.....	163.75	.....
Dickey, Nelson P.....	do.....	173.25	.....
Dodge, Earl A.....	do.....	64.00	.....
Doherty, John F.....	do.....	56.00	.....
Doherty Philip.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.....	199.60	.....
Dolan, Patrick H.....	Laborer, at \$2 per diem.....	2.00	.....
Dolan, Wm. J.....	do.....	122.50	.....
Donilon, Wm. J.....	do.....	555.38	.....
Donnelly, Michael F.....	Laborer, at \$2 per diem and \$2.24 per diem.....	502.42	.....
Donovan, John.....	Laborer, at \$2 per diem.....	284.80	.....
Donovan, P. P.....	Laborer, at \$2 per diem and \$2.24 per diem.....	583.01	.....
Doucette, Lawrence.....	do.....	581.19	.....
Doucette, Wm. A.....	Laborer, at \$2 per diem.....	18.50	.....
Doughty, Frank.....	do.....	86.00	.....
Dow, Ernest M.....	Laborer, at \$2 per diem and \$2.56 per diem.....	452.40	.....
Doyle, Edward.....	Laborer, at \$2 per diem and \$2.24 per diem.....	467.06	.....
Doyle, Harry W.....	Laborer, at \$2 per diem.....	155.75	.....
Doyle, John J.....	do.....	405.16	.....
Drew, Frank S.....	do.....	417.07	.....
Driscoll, Dennis.....	Laborer, at \$2 per diem and \$2.24 per diem.....	591.66	.....
Dubey, Frank.....	Laborer, at \$2 per diem.....	189.00	.....
Duffy, Frank L.....	do.....	6.00	.....
Durkee, Louis A.....	do.....	208.50	.....
Dwyer, Bartholomew J.....	do.....	167.00	.....
Eames, J. Allen.....	Laborer, at \$2 per diem and \$2.24 per diem.....	302.80	.....
Earls, Michael.....	Laborer, at \$2 per diem.....	223.75	.....
Eastman Ray W.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.....	347.62	.....
Eaton, Leonard.....	Laborer, at \$2 per diem.....	325.74	.....
Edgecomb, Mark L.....	do.....	8.75	.....
Emery, Jos. E.....	do.....	207.12	.....
Emrick, Eldridge P.....	do.....	334.12	.....
Emrick, Fremont S.....	do.....	341.12	.....
Emrick, Melvin W.....	Laborer, at \$2 per diem and \$2.24 per diem.....	412.31	.....
Emrick, Roy L.....	Laborer, at \$2 per diem.....	335.17	.....
English, Michael L.....	Laborer, at \$2 per diem and \$2.24 per diem.....	572.67	.....
Estes, Arthur G.....	Laborer, at \$2 per diem.....	32.75	.....
Evans, E. Dudley.....	Laborer, at \$2 per diem and \$2.24 per diem.....	509.33	.....
Evans, George F.....	Laborer, at \$2 per diem.....	453.24	.....
Evans, Walter F.....	do.....	183.00	.....
Evans, Otis W.....	do.....	276.37	.....
Farrey, Patrick H.....	Laborer, at \$2 per diem and \$2.24 per diem.....	465.84	.....
Farrey, Patrick H., jr.....	Laborer, at \$2 per diem.....	202.25	.....
Feeney, Austin J.....	do.....	1.75	.....
Feeney, Thos. W.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.....	200.55	.....
Feindel, Charles L.....	Laborer, at \$2 per diem.....	274.75	.....
Fenton, Birge L.....	Laborer, at \$2 per diem, and scout, at \$2 per diem.....	90.00	.....
Fenwick, J. Allan.....	Laborer, at \$2 per diem.....	4.00	.....
Fernald, Joseph W.....	do.....	31.00	.....
Felder, Walter E.....	do.....	60.75	.....
Fisk, Clifford A.....	do.....	1.00	.....
Fisk, Lewis J.....	do.....	375.06	.....
Fitzpatrick, John P.....	do.....	74.50	.....
Flaherty, James.....	do.....	33.00	.....
Flanagan, Patrick J.....	do.....	2.00	.....

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Flint, Arthur S.	Laborer, at \$2 per diem.	\$169.00	
Flint, Fred C.	do.	442.91	
Flynn, Owen.	do.	143.50	
Flynn, Thomas H.	do.	110.00	
Foley, Neil L.	do.	189.25	
Foley, Patrick.	do.	243.00	
Forbush, Lewis E.	do.	126.00	
Foster, Fred W.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	680.65	
Frazier, Alexander L.	Laborer, at \$2 per diem and \$2.56 per diem.	462.23	
Frazier, Daniel J.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	722.73	
Frost, Fred S.	Laborer, at \$2 per diem.	173.75	
Gaffney, Robt. S.	do.	532.90	
Gagen, James L.	do.	32.75	
Gallagher, Everett A.	Laborer, at \$2 per diem, and foreman, at \$2.50 per diem and \$2.64 per diem.	587.96	
Gallagher, John C.	Laborer, at \$2 per diem.	240.75	
Galvin, Garrett J.	Laborer, at \$2 per diem, and scout at \$2.40 per diem and \$2.56 per diem.	626.08	
Garrity, John J.	Laborer, at \$2 per diem and \$2.24 per diem.	528.57	
Garry, Tony.	Laborer, at \$2 per diem.	179.50	
Giblin, James M.	Laborer, at \$2 per diem and \$2.24 per diem.	406.57	
Giggie, Otis S.	Laborer, at \$2 per diem.	238.44	
Gilbert, Arthur H.	do.	1.75	
Gill, John J.	Laborer, at \$2 per diem, and \$2.24 per diem, and scout, at \$2.56 per diem.	545.86	
Gilman, Wesley A.	Laborer, at \$2 per diem.	22.00	
Gogan, Albert S.	do.	4.00	
Goodwin, J. Moses.	do.	174.00	
Gordard, Charles.	do.	187.75	
Gorman, Edward F.	do.	40.75	
Gorman, Edw. G.	do.	43.75	
Gorman, John.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	27.40	
Gorman, John H.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	531.55	
Gorman, Joseph.	Laborer, at \$2 per diem.	185.50	
Gove, Harry W.	Laborer, at \$2 per diem.	215.00	
Gowen, Wallace E.	do.	26.00	
Grant, Benj. E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	549.44	
Graves, Frank W., jr.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	688.11	
Graves, Harold S.	Laborer, at \$2 per diem.	2.00	
Gray, John J.	do.	299.08	
Greathead, Thomas.	do.	377.47	
Griffin, Horatio E.	do.	4.00	
Griffiths, Arthur T.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.24 per diem.	596.77	
Guppy, Chester A.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	614.91	
Gurley, Willie J.	Laborer, at \$2 per diem.	166.00	
Hall, Walter F.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	539.52	
Hampton, Arthur B.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	262.05	
Hanibal, Walter S.	Laborer, at \$2 per diem.	12.25	
Hannon, Frank P.	do.	1.75	
Hansen, Hans P.	do.	348.62	
Harden, William M.	do.	94.25	
Hargrove, John H.	Laborer, at \$2 per diem and \$2.24 per diem.	274.56	
Harkins, Hugh.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	639.86	
Harnden, Walter W.	Laborer, at \$2 per diem and \$2.24 per diem.	372.45	
Harney, Joseph P.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem \$2.56 per diem, and \$2.24 per diem.	504.83	
Harrington, John B.	Laborer, at \$2 per diem.	1.00	
Harrington, Robt. T.	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.	627.97	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Harvey, Michael J.	Laborer, at \$2 per diem.	\$1.75	
Haskell, James F.	do.	100.00	
Haskell, Ralph E.	do.	212.00	
Hatch, Kenneth J.	do.	113.00	
Hayes, M. Charles.	do.	14.00	
Hennessy, Michael H.	do.	168.00	
Henry, James A.	do.	161.50	
Henry, Robt. J.	Laborer, at \$2 per diem and \$2.24 per diem.	469.62	
Herbert, Edwin H.	do.	557.15	
Herbert, Henry K.	do.	567.35	
Hewlin, Oscar H.	Laborer, at \$2 per diem.	5.00	
Heywood, Albert W.	do.	106.00	
Heywood, Ira U.	do.	48.00	
Hicks, David E.	Laborer, at \$2 per diem and \$2.24 per diem.	555.93	
Higgins, Frank C.	Laborer, at \$2 per diem.	175.75	
Higgins, John F.	do.	234.25	
Higgins, James J.	do.	149.50	
Hill, Robert F.	do.	121.00	
Hislop, Frederick J.	do.	126.25	
Hitchings, Leroy K.	do.	237.65	
Holy, Thomas H.	do.	117.50	
Holt, Winfield.	do.	46.75	
Hooper, Charles C.	do.	16.75	
Hopkins, Justin P.	do.	73.00	
Horgan, Stephen F.	do.	10.75	
Horovitz, Harry.	Laborer, at \$2 per diem and \$2.24 per diem, and scout, at \$2.56 per diem.	465.10	
Houghton, Fred P.	Laborer, at \$2 per diem.	181.25	
Howard, Fernald.	do.	86.00	
Hubbard, Enos P.	do.	85.25	
Hubbard, Herbert E.	do.	24.00	
Hannewell, Charles.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	361.95	
Hunter, William E.	Laborer, at \$2 per diem.	129.25	
Huntington, John C.	Laborer, at \$2 per diem, \$2.24 per diem, and \$2.56 per diem.	473.22	
Hurd, Allen.	Laborer, at \$2 per diem.	77.00	
Hurley, Jno. W.	do.	11.25	
Hurley, Lawrence E.	do.	204.75	
Ingraham, Daniel K.	do.	37.00	
Irish, Herbert E.	do.	20.00	
Jackson, Howard J.	do.	309.14	
Jaquith, Frank.	do.	28.00	
Jason, Edward R.	do.	1.00	
Jewett, Arthur C.	Laborer, at \$2 per diem and \$2.24 per diem.	450.54	
Jewett, Everette E.	Laborer, at \$2 per diem.	2.00	
Jewett, Wesley W.	do.	2.00	
Johns, Leo F.	do.	22.00	
Johnson, Adam G. A.	Laborer, at \$2 per diem and \$2.24 per diem.	285.05	
Johnson, Joseph H.	Laborer, at \$2 per diem.	348.62	
Jones, Albert.	do.	5.00	
Jones, Herbert W.	Laborer, at \$2 per diem and \$2.24 per diem.	342.84	
Jones, Lewis P.	do.	6.82	
Julien, Simon.	do.	595.65	
Kallenberg, John C.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	651.96	
Kavanagh, James E.	Laborer, at \$2 per diem.	76.00	
Keay, Howard N.	do.	50.25	
Keefe, Jeremiah.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	607.86	
Keene, Frank L.	Laborer, at \$2 per diem.	202.00	
Kelleher, James P.	do.	116.75	
Kelley, Charles C.	do.	74.50	
Kelley, Isaiah.	do.	35.75	
Kelley, John J.	do.	2.50	
Kelley, James R.	do.	285.12	
Kelley, Loren.	do.	9.50	
Kellner, John J.	Laborer, at \$2 per diem, and foreman, at \$2.24 per diem and \$2.64 per diem.	455.26	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kelly, Francis L.	Laborer, at \$2 per diem.	\$108.50	
Kelly, John.	do.	75.00	
Kelly, John E.	do.	180.25	
Kelly, James P.	do.	173.00	
Kennedy, Edward J.	do.	37.50	
Kennedy, John M.	do.	31.75	
Kennedy, Robt. W.	Laborer, at \$2 per diem and \$2.24 per diem.	551.41	
Kenney, John J.	do.	464.90	
Keough, Chris. P.	Laborer, at \$2 per diem.	25.00	
Keough, John F.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	606.81	
Kerrigan, Wm. F.	Laborer, at \$2 per diem.	4.00	
Kerwin, Thos. J.	Laborer, at \$2 per diem and \$2.24 per diem.	570.80	
Kieley, David J.	do.	461.04	
Kimball, Chas. F.	do.	284.96	
Kimball, Timothy J.	Laborer, at \$2 per diem.	21.25	
King, Oscar A.	do.	233.75	
King, William A.	do.	123.25	
Kittredge, Guy L.	do.	162.25	
Kittredge, Thomas H.	do.	109.50	
Kizer, Clarence H.	do.	81.25	
Knight, Thaddeus.	do.	230.00	
Laetsch, Chas. F.	Laborer, at \$2 per diem and \$2.24 per diem; scout, at \$2.40 per diem, and foreman, at \$2.64 per diem.	614.70	
Lahm, Clinton T.	Laborer, at \$2 per diem.	10.00	
Lane, Adelbert S.	do.	142.50	
Lane, George E.	do.	38.50	
Langel, Harry D.	do.	62.50	
Larkin, John J.	do.	193.50	
Larribee, David L.	Laborer, at \$2 per diem and \$2.24 per diem.	441.16	
Leach, Wm. I.	Laborer, at \$2 per diem.	184.75	
Leary, Jerre A.	do.	34.00	
Lee, Otis B.	do.	18.00	
Lefave, Peter A.	do.	360.97	
Legro, Alonzo L.	Laborer, at \$2 per diem and \$2.24 per diem.	400.27	
Legro, Elmer E.	do.	225.12	
Lenners, Eugene J.	Laborer, at \$2 per diem.	2.00	
Lennow, Patrick J.	do.	185.00	
Lewis, Charles S.	Laborer, at \$2 per diem and \$2.24 per diem.	361.17	
Lewis, Fred.	do.	562.63	
Lewis, Gilman P.	do.	442.32	
Lewis, Joseph A.	do.	476.30	
Lewis, Luther L.	Laborer, at \$2 per diem and \$2.56 per diem.	279.84	
Lewis, Samuel L.	Laborer, at \$2 per diem.	104.00	
Lincoln, Daniel C.	do.	2.00	
Lind, Benjamin H.	do.	87.00	
Lineham, Jeremiah.	do.	155.25	
Litchfield, F. W.	Laborer, at \$2 per diem and \$2.24 per diem.	452.96	
Litchfield, Luther J.	Laborer, at \$2 per diem.	20.00	
Livermore, Albert.	do.	2.00	
Livermore, John T.	do.	3.50	
Livermore, Wm. J.	Laborer, at \$2 per diem and \$2.24 per diem.	519.08	
Lloyd, Edward V.	Laborer, at \$2 per diem.	57.75	
Logue, Charles V.	do.	1.50	
Lombard, James J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	494.81	
Lorden, Wm. F.	Laborer, at \$2 per diem and \$2.24 per diem.	493.86	
Loucraft, Frank J.	Laborer, at \$2 per diem.	148.25	
Loucraft, George.	do.	146.75	
Lucas, Charles S.	Laborer, at \$2 per diem and \$2.24 per diem.	426.08	
Lucy, Dennis H.	Laborer, at \$2 per diem.	277.00	
Lull, Henry B.	do.	2.00	
Lupien, John B.	do.	8.00	
Lyons, Lawrence.	do.	77.00	
McBay, Ernest.	Laborer, at \$2 per diem and \$2.24 per diem.	528.29	
McCabe, Martin L.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	499.20	
McCarthy, George A.	Laborer, at \$2 per diem.	140.50	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McClellan, Joseph.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	\$432.92	.....
McCormack, John F.....	do.	402.35	.....
McCue, James E.....	Laborer, at \$2 per diem.	191.50	.....
McDevitt, James E.....	do.	6.00	.....
McDevitt, John F.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.24 per diem.	508.70	.....
McDonald, James J.....	Laborer, at \$2 per diem.	199.75	.....
McDonald, Thomas.....	do.	30.00	.....
McDonald, Wm. R.....	do.	157.00	.....
McDonough, Joseph.....	do.	130.50	.....
McEnroy, Charles R.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	157.45	.....
McGrath, Joseph J.....	Laborer, at \$2 per diem.	72.25	.....
McGuigan, Patrick J.....	do.	116.25	.....
McGuinness, John.....	do.	202.75	.....
McGuinness, Joseph.....	do.	133.00	.....
McHale, James J., jr.....	do.	29.50	.....
McIntire, Luther L.....	Laborer, at \$2 per diem and \$2.24 per diem.	515.45	.....
McIntire, Melville H.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	621.44	.....
McIntire, Willie W.....	Laborer, at \$2 per diem.	454.91	.....
McKee, Frank D.....	Laborer, at \$2 per diem and \$2.24 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	561.61	.....
McKeen, Ellis W.....	Laborer, at \$2 per diem.	26.00	.....
McKenzie, Daniel M.....	Laborer, at \$2 per diem, and \$2.24 per diem.	370.26	.....
McKinnon, Francis H.....	Laborer, at \$2 per diem.	4.00	.....
McLaughlin, Dennis J.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	266.60	.....
McMahan, Martin F.....	Laborer, at \$2 per diem.	137.50	.....
McNeal, William.....	do.	191.25	.....
McNeil, Thomas F.....	do.	67.50	.....
McQuarrie, Harold.....	do.	116.25	.....
McQuarrie, William O.....	do.	72.00	.....
McCormack, James O.....	do.	2.25	.....
MacLean, Asbury.....	do.	8.75	.....
Magennity, John J.....	do.	26.25	.....
Magorty, Chas. M.....	do.	260.75	.....
Magorty, Thomas C. A.....	do.	34.75	.....
Maguire, George E.....	Laborer, at \$2 per diem, and \$2.24 per diem.	221.03	.....
Maguire, John H.....	Laborer, at \$2 per diem.	52.00	.....
Magurn, Charles T.....	do.	67.75	.....
Mahoney, James.....	Laborer, at \$2 per diem and \$2.24 per diem.	602.36	.....
Mahoney, John E.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	375.77	.....
Mahoney, Robert V.....	Laborer, at \$2 per diem.	12.00	.....
Maker, Edwin C., jr.....	do.	104.25	.....
Malonson, Chas. E.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	145.65	.....
Manchester, Charles A.....	Laborer, at \$2 per diem, and foreman, at \$2.64 per diem.	494.06	.....
Manson, Joseph H.....	Laborer, at \$2 per diem and \$2.24 per diem.	533.52	.....
Manter, J. W.....	Laborer, at \$2 per diem.	62.00	.....
Marchant, Frank A.....	Laborer, at \$2 per diem and \$2.24 per diem.	570.12	.....
Marion, Henry E.....	do.	440.10	.....
Marshall, Chas. W.....	do.	399.81	.....
Marshall, Wm.....	Laborer, at \$2 per diem.	212.50	.....
Martin, Charles A.....	do.	72.25	.....
Martin, Edwin G.....	do.	178.00	.....
Martin, Herbert M.....	do.	4.00	.....
Martin, James J.....	Laborer, at \$2 per diem and \$2.24 per diem.	375.65	.....
Martin, John J.....	Laborer, at \$2 per diem.	157.25	.....
Martin, Joseph W.....	do.	142.00	.....
Mastus, Alfred G.....	do.	12.00	.....
Mason, Elmer F.....	do.	301.00	.....
Mason, Fred E.....	do.	127.50	.....
Meakin, Robt. J.....	Laborer, at \$2 per diem and \$2.24 per diem.	546.27	.....
Merchants, Albert.....	Laborer, at \$2 per diem.	44.00	.....
Merrill, George B.....	do.	35.03	.....



## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Merrill, Howard P.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	\$499.92	
Meuse, Geo. J.	Laborer, at \$2 per diem.	146.00	
Meuse, Joseph F.	Laborer, at \$2 per diem and \$2.24 per diem.	483.99	
Meuse, Reuben.	do.	574.39	
Meuse, Sylvine B.	do.	376.47	
Mildram, Charles L.	Laborer, at \$2 per diem.	200.00	
Miller, Adelbert A.	Laborer, at \$2 per diem and \$2.24 per diem.	566.99	
Miller, Charles E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	180.80	
Miller, Chas. L.	Laborer, at \$2 per diem and \$2.24 per diem.	417.57	
Miller, Frank C.	Laborer, at \$2 per diem.	67.00	
Miller, Harry F.	Laborer, at \$2 per diem and \$2.24 per diem.	569.14	
Miller, J. F.	Laborer, at \$2 per diem.	200.00	
Miller, Thomas L.	Laborer, at \$2 per diem and \$2.24 per diem.	420.02	
Miner, Hugh H.	Laborer, at \$2 per diem.	43.00	
Mitchell, Edward H.	do.	3.50	
Mitchell, Geo. F.	do.	74.00	
Mitchell, John J.	do.	1.75	
Mitchell, Victor M.	do.	248.50	
Moran, Thos. F.	Laborer, at \$2 per diem and \$2.24 per diem.	488.50	
Morrill, Charles C.	Laborer, at \$2 per diem.	76.75	
Morrill, Ralph M.	do.	34.00	
Morris, Wm. F.	do.	3.50	
Morrison, James H.	do.	81.25	
Moulton, Bernard A.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	616.48	
Moulton, Samuel W.	do.	396.16	
Moxham, Wm. H.	Laborer, at \$2 per diem.	23.00	
Mullally, Christopher.	Laborer, at \$2 per diem and \$2.24 per diem.	502.86	
Mulrean, John.	Laborer, at \$2 per diem.	29.75	
Munroe, Ralph M.	do.	32.00	
Murray, Jeremiah F.	Laborer, at \$2 per diem and \$2.24 per diem.	438.46	
Murray, Thos. M.	do.	436.27	
Muse, Simon.	Laborer, at \$2 per diem.	134.00	
Neal, William C.	do.	278.25	
Neel, Martin.	Laborer, at \$2 per diem and \$2.24 per diem.	464.92	
Nelson, Emery T.	Laborer, at \$2 per diem.	5.00	
Nelson, Frank B.	do.	5.00	
Nelson, Wm. F.	Laborer, at \$2 per diem and \$2.24 per diem.	385.58	
Neville, John F.	Laborer, at \$2 per diem.	1.75	
Neville, James M.	Laborer, at \$2 per diem and \$2.24 per diem.	275.68	
Neville, Wm. J.	do.	509.95	
Newdick, Erlon L.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	603.84	
Newell, Brett H.	Laborer, at \$2 per diem and \$2.24 per diem.	523.24	
Newell, Harry W.	Laborer, at \$2 per diem.	57.50	
Newhall, Eugene A.	do.	72.00	
Nichols, Fred M.	do.	192.50	
Nichols, George H.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	404.65	
Nichols, Leonard M.	Laborer, at \$2 per diem.	371.26	
Noble, Frank.	Laborer, at \$2 per diem, and \$2.24 per diem.	322.92	
Noble, Lowie H.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	512.64	
Norris, William E.	Laborer, at \$2 per diem.	168.50	
Norton, Thomas F.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	284.06	
Nutt, Henry J.	Laborer, at \$2 per diem.	136.50	
O'Brien, James.	Laborer, at \$2 per diem and \$2.24 per diem.	318.92	
O'Brien, James H.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	648.69	
O'Brien, Thomas M.	Laborer, at \$2 per diem.	68.00	
O'Connell, Dennis J.	do.	186.25	
O'Connell, John.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	567.05	
O'Connell, Joseph T.	Laborer, at \$2 per diem.	181.00	
O'Connor, Wm.	do.	118.25	
Odman, Edward.	do.	56.00	
O'Donnell, Wm. F.	do.	197.00	

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
O'Hara, Bernard F.....	Laborer, at \$2 per diem.....	127.25	
O'Leary, Wm. C.....	do.....	23.25	
O'Neil, James.....	do.....	266.58	
O'Neil, James H.....	do.....	63.00	
O'Riley, Michael J.....	Laborer, at \$2 per diem and \$2.24 per diem.....	292.77	
Osgood, Carroll M.....	Laborer, at \$2 per diem.....	13.25	
Otis, Harry L.....	do.....	76.00	
Otis, Orrin C.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem, and \$2.56 per diem.....	507.08	
Parker, George W.....	Laborer, at \$2 per diem.....	3.25	
Parker, Wm. F.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.....	264.15	
Parkinson, Henry W.....	Laborer, at \$2 per diem.....	36.00	
Parks, Thos. J.....	Laborer, at \$2 per diem and \$2.24 per diem.....	430.34	
Parrott, Arthur C.....	Laborer, at \$2 per diem.....	67.75	
Pasho, Fred E.....	do.....	455.64	
Perry, Oliver C.....	do.....	1.00	
Peterson, Arne.....	do.....	7.25	
Peterson, Carl.....	do.....	326.87	
Pettipas, Joseph.....	do.....	410.54	
Phyllis, Geo. W.....	do.....	162.00	
Pickard, Samuel.....	do.....	160.75	
Pierce, A. S.....	Laborer, at \$2 per diem and \$2.24 per diem.....	493.74	
Pierce, Benj. F.....	Laborer, at \$2 per diem.....	106.75	
Pierce, Gardner M.....	Laborer, at \$2 per diem and \$2.24 per diem.....	559.41	
Pinette, Frank A.....	Laborer, at \$2 per diem.....	26.00	
Place, Wesley R.....	do.....	305.00	
Platts, Everett J.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.....	230.08	
Pollock, Wm. J.....	Laborer, at \$2 per diem.....	446.41	
Power, Richard A.....	do.....	100.00	
Powers, Frank H.....	do.....	123.50	
Pratt, Forest E.....	Laborer, at \$2 per diem, scout, at \$2.40 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.....	569.00	
Prescott, Frank J.....	Laborer, at \$2 per diem.....	397.87	
Prescott, G. Albert.....	do.....	154.00	
Proctor, James P.....	do.....	70.00	
Purcell, Herman L.....	do.....	177.25	
Purslow, Daniel E.....	do.....	174.66	
Quigley, John.....	Laborer, at \$2 per diem and \$2.24 per diem.....	486.55	
Quigley, John J.....	Laborer, at \$2 per diem.....	33.75	
Quigley, Patrick J.....	Laborer, at \$2 per diem and \$2.24 per diem.....	524.14	
Quimby, Ray D.....	Laborer, at \$2 per diem, and scout, at \$2.56 per diem.....	403.76	
Quinn, Wm. J.....	Laborer, at \$2 per diem.....	411.18	
Ramsdell, Arthur A.....	do.....	194.00	
Rand, Arthur H.....	do.....	2.00	
Randolph, Albert.....	Laborer, at \$2 per diem and \$2.24 per diem.....	500.43	
Rankin, Leslie V.....	Laborer, at \$2 per diem.....	6.00	
Reardon, Dennis J.....	do.....	85.25	
Reed, Arthur D.....	do.....	103.25	
Reynolds, Geo. C.....	Laborer, at \$2 per diem and \$2.24 per diem.....	403.90	
Rhedin, Emil A.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.....	622.08	
Richards, George.....	Laborer, at \$2 per diem and \$2.24 per diem.....	539.13	
Richardson, Albert.....	Laborer, at \$2 per diem.....	48.00	
Richardson, Ira W.....	do.....	74.00	
Ridley, Fred.....	do.....	146.00	
Riley, Charles.....	do.....	35.00	
Riley, Frank C.....	do.....	2.00	
Riley, Hugh E.....	do.....	1.25	
Roach, Jos. J.....	do.....	425.96	
Robbins, Wm. T.....	do.....	27.00	
Roberts, Arthur A.....	Laborer, at \$2 per diem and \$2.24 per diem.....	487.99	
Roberts, Harold E.....	Laborer, at \$2 per diem.....	77.75	
Roberts, Joshua E.....	do.....	275.37	
Roberts, James W.....	do.....	212.93	
Roberts, Percy J.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.....	549.52	

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Roberts, Ralph P.	Laborer, at \$2 per diem.	\$133.00	
Roberts, Wilbur G.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	592.34	
Robey, Edwin A.	Laborer, at \$2 per diem.	141.50	
Rodgers, Thomas L.	do.	53.75	
Rogan, Fred F.	do.	420.47	
Rogers, Edward R.	do.	52.00	
Rowen, John J.	Laborer, at \$2 per diem and \$2.24 per diem.	326.52	
Russell, Harry F.	Laborer, at \$2 per diem.	49.00	
Rust, Asa J.	do.	181.50	
St. Pierre, Horace	do.	75.00	
Sanborn, Curtis T.	Laborer, at \$2 per diem, and foreman, at \$2.50 per diem and \$2.80 per diem.	169.85	
Sanderson, Wm. B.	Laborer, at \$2 per diem.	195.25	
Sargent, Frank G.	do.	81.00	
Sarsfield, Wm.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	674.31	
Saunders, Harry G.	Laborer, at \$2 per diem.	1.00	
Sawyer, Justin A.	do.	74.00	
Sawyer, Leonidas H.	do.	178.00	
Scamman, Clarence L.	do.	76.00	
Scott, John W.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	646.58	
Scott, William W.	Laborer, at \$2 per diem, and foreman, at \$2.64 per diem.	482.30	
Seamon, Joseph H.	Laborer, at \$2 per diem.	1.50	
Sennott, John J.	do.	82.75	
Seymour, Irving H.	do.	18.00	
Shanahan, Cornelius T.	Laborer, at \$2 per diem and \$2.24 per diem.	558.46	
Shanahan, J. D.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	530.13	
Shanahan, Jno. F.	Laborer, at \$2 per diem and \$2.24 per diem.	573.34	
Shepard, Walter	Laborer, at \$2 per diem.	157.00	
Sherman, George N.	Laborer, at \$2 per diem and \$2.24 per diem.	390.69	
Sherry, Wm. L.	Laborer, at \$2 per diem.	186.75	
Shirley, James W.	Laborer, at \$2 per diem and \$2.24 per diem.	546.47	
Shorey, Morley J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	491.04	
Short, Chester E. C.	Laborer, at \$2 per diem.	171.00	
Silva, Charles W.	do.	166.50	
Silver, Harry	Laborer, at \$2 per diem and \$2.24 per diem.	274.42	
Silvey, Frank	Laborer, at \$2 per diem.	141.50	
Silvia, Alfred M.	do.	1.00	
Simpson, Alfred H.	do.	294.85	
Simpson, Edward	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	512.65	
Skilling, Chas. W.	Laborer, at \$2 per diem.	309.05	
Small, S. Perley	Laborer, at \$2 per diem and \$2.24 per diem.	561.33	
Smith, Clarence M.	Laborer, at \$2 per diem.	547.04	
Smith, Edgar W.	do.	125.25	
Smith, Frank M.	do.	62.00	
Saterlay, Wm. J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	597.55	
Snow, Charles S.	Laborer, at \$2 per diem.	141.75	
Snowden, Henry W.	Laborer, at \$2 per diem and \$2.24 per diem.	626.07	
Sorensen, Wm.	Laborer, at \$2 per diem.	354.34	
Southard, Horace	do.	37.50	
Spaulding, Chester	Laborer, at \$2 per diem and \$2.24 per diem.	424.99	
Spaulding, Frank S.	Laborer, at \$2 per diem.	181.25	
Spaulding, Gardner E.	do.	29.50	
Spaulding, Ralph G.	do.	154.00	
Spinney, Herbert L.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	713.36	
Stacy, Frank W.	Laborer, at \$2 per diem.	96.75	
Stanley, Everett N.	do.	62.00	
Stanley, Leroy	do.	20.00	
Stanton, Timothy J.	Laborer, at \$2 per diem and \$2.24 per diem.	384.07	
Staples, Robert T.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	525.48	
Steele, Henry H.	do.	511.62	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stetson, Rufus E.	Laborer, at \$2 per diem	\$876.00	
Stevenson, John	do.	36.50	
Sullivan, Edw. J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.24 per diem.	422.75	
Sullivan, Fredk.	Laborer, at \$2 per diem	361.16	
Summers, Wallace	do.	111.25	
Surette, Louis H.	do.	225.25	
Sutherland, Alex.	do.	18.25	
Sweeney, Edward M.	Laborer, at \$2 per diem and \$2.24 per diem	402.90	
Sweeney, Frank.	Laborer, at \$2 per diem	12.25	
Sweeney, Jno. D.	do.	176.50	
Sweet, Frank E.	do.	146.50	
Sweet, Levi A.	do.	138.00	
Symonds, Raymond F.	do.	238.59	
Tanner, Frank.	do.	32.00	
Taylor, Oscar E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	495.92	
Thompson, Albert.	do.	609.91	
Thompson, Lemuel A.	Laborer, at \$2 per diem	454.84	
Thornton, L. Ernest.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	618.08	
Thrasher, James M.	do.	508.98	
Thurrell, Roy H.	Laborer, at \$2 per diem	489.45	
Tinker, H. W.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	442.77	
Toomey, Patrick J.	Laborer, at \$2 per diem and \$2.24 per diem	434.54	
Totman, Henry F.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	488.32	
Tracy, Frank, jr.	Laborer, at \$2 per diem	211.75	
Tracy, Patrick H.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	633.65	
Tracy, Wm. J.	Laborer, at \$2 per diem and \$2.24 per diem	498.22	
Trask, Arthur T.	Laborer, at \$2 per diem	66.00	
Trask, George.	do.	471.39	
Trow, Charles E., jr.	do.	72.50	
Troy, Alex D.	do.	76.25	
Turner, Leo F.	do.	1.75	
Twining, Addison.	Laborer, at \$2 per diem and \$2.24 per diem	520.20	
Twining, Fredwin N.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	648.90	
Tyrrell, Henry T.	Laborer, at \$2 per diem	16.00	
Verge, Ernest	do.	195.25	
Violette, Neil L.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	524.00	
Waite, Sumner	Laborer, at \$2 per diem	76.00	
Walker, Herbert G.	do.	108.25	
Walsh, John J.	do.	2.00	
Walsh, Thomas	do.	155.00	
Ward, Samuel A.	do.	17.75	
Washington, James A.	do.	72.50	
Webber, John W.	Laborer, at \$2 per diem and \$2.24 per diem	425.01	
Webber, Merlon A.	Laborer, at \$2 per diem	10.00	
Webster, J. Clifford	do.	501.03	
Weeks, John	do.	76.00	
Weeks, Orin O.	do.	88.00	
Weiman, Herman.	do.	105.25	
Welch, Joseph W.	do.	5.75	
Wells, Geo. W.	do.	44.00	
Wentworth, Merton W.	do.	22.00	
Wentworth, Norman E.	do.	114.25	
Wheeler, Fenwick E.	do.	7.25	
Wheeler, Justin E.	do.	49.50	
Whidden, Albert L.	do.	252.00	
Whippee, Wm. J.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	564.66	
Whitaker, Clarence B.	do.	510.26	
Whitcomb, Ray.	Laborer, at \$2 per diem	180.25	
Whitcomb, Ray C.	do.	175.50	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Whitney, Edgar E.	Laborer, at \$2 per diem.	\$373.69	
Whitney, Nathaniel R.	do.	181.00	
Wildes, Walter P.	do.	50.00	
Williams, Frank H.	do.	2.00	
Wilson, Daniel.	do.	147.50	
Wilson, Frank.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.24 per diem.	543.25	
Wing, Frederick B.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	121.60	
Winn, Frank G.	Laborer, at \$2 per diem.	281.49	
Winn, Michael H.	do.	151.75	
Winship, Elmer A.	do.	146.25	
Wood, Alfred A.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem and \$2.56 per diem.	524.04	
Woodward, Eugene F.	do.	628.64	
Woodward, John E.	do.	626.08	
Woodward, J. Edward.	Laborer, at \$2 per diem and \$2.24 per diem.	542.08	
Young, Edward.	do.	480.20	
Young, Norman.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem and \$2.88 per diem.	672.42	
Younger, Roy W.	Laborer, at \$2 per diem.	24.00	
Burdick, John.	Laborer, at \$1.76 per diem.	66.00	
Cain, Geo. W.	do.	40.48	
Caniff, James C.	do.	37.40	
Cannon, Nicholas.	do.	45.76	
Coffey, Robt. L.	do.	65.56	
Cohen, Leo.	do.	45.76	
Collamore, Earle R.	do.	18.48	
Cronin, Jeremiah J.	do.	45.76	
Dunn, James A.	do.	43.56	
Fay, Edward J.	do.	66.00	
Fay, Luke.	do.	64.24	
Fitzpatrick, L. J.	do.	45.76	
Flynn, Edward J.	do.	45.76	
Gilfoil, Anthony J.	do.	63.36	
Grandfield, John F.	do.	44.00	
Harriet, Harry.	do.	64.24	
Kane, Wm. J.	do.	63.80	
Kelliher, John T.	do.	66.00	
Kelly, Peter F.	do.	33.44	
Koplan, Hyman.	do.	66.00	
Larson, Arvid.	do.	45.76	
Latham, Ernest R.	do.	45.76	
Lynch, James.	Laborer, at \$1.76 per diem and \$2.24 per diem.	284.96	
McCauley, James F.	Laborer, at \$1.76 per diem.	154.00	
McCormick, James H.	do.	57.20	
McFadden, Charles F.	Laborer, at \$1.76 per diem and \$2.24.	461.56	
McHugh, John F.	Laborer, at \$1.76 per diem.	66.00	
Maker, Samuel.	do.	43.56	
Mulloy, James B.	do.	62.04	
Nagle, Michael J.	do.	46.64	
Noyes, Earl H.	do.	84.92	
O'Neill, George A.	do.	45.76	
Schutzman, Michael.	do.	55.44	
Spencer, George H.	do.	20.24	
Sullivan, John J.	do.	41.36	
Walsh, Michael J.	do.	66.00	
Walsh, Michael L.	do.	41.80	
Watson, Jesse.	do.	45.76	
Total.		222,234.55	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Continued.</i>	
Andrews Paper Co., R. P.	\$5.60	Tucker, Wm. H.	\$54.00
Baumgarten & Son Co., J.	3.10	Tukey, F. C.	31.00
Columbia Ribbon & Carbon Manu- facturing Co.	1.63	Underwood Typewriter Co.	92.50
Contingent expenses, Department of Agriculture.	62.81	Upham, Chas. E.	6,750.00
Kalamazoo Loose Leaf Binder Co.	10.40	Vreeland Chemical Co.	19.50
Library Bureau.	36.00	Wheeler, Warren F.	18.00
Schmidt, Fred A.	16.50	Witham & Co., W. W.	6.00
Valley Paper Co.	23.76	Total.	20,553.63
Total.	159.80	<i>Furniture.</i>	
<i>Miscellaneous supplies, etc.</i>		Library Bureau.	15.00
American Entomological Co.	10.34	Moses & Co., W. B.	3.00
Bailey, Clarence E.	9.50	Stearns Desk Co., H. L.	61.50
Barrett Manufacturing Co.	76.00	Total.	79.50
Barron & Co., Jas. S.	1.96	<i>Freight.</i>	
Bedford Coal & Grain Co.	266.00	Wheeler, W. F.	6.00
Bigelow & Dowse Co.	1,716.43	<i>Express.</i>	
Blake, S. F.	27.50	Adams Express Co.	36.51
Blanchard & Co., Geo. W.	74.43	United States Express Co.	1.75
Boston Coupling Co.	77.40	Total.	38.26
Boston Transcript.	2.70	<i>Telegraph.</i>	
Brown, Lyman A.	68.00	Postal Telegraph-Cable Co.	1.59
Brown-Wales Co.	9.13	Western Union Telegraph Co.	27.67
Bryant, Arthur.	28.00	Total.	29.26
Cabot (Inc.), Samuel.	415.84	<i>Telephone.</i>	
Carmody, M.	90.00	New England Telegraph & Telephone Co.	194.27
Caverly, Irvin C.	1,234.20	<i>Rent.</i>	
Chesterton Co., A. W.	150.00	Boyce, Henrietta M.	200.00
Contingent expenses, Department of Agriculture.	1.43	Dwyer, Julia E.	26.66
Coughlan, Thos. S.	114.00	Tremont Building, trustees.	699.96
Elms, Levi.	894.60	Total.	926.62
Ermisch, Heinrich.	8.07	<i>Apparatus, instruments, and labora- tory material.</i>	
Farwell, W. M.	38.17	Baker, Reid L.	1.00
Fife, T. C.	15.00	Bausch & Lomb Optical Co.	68.17
Fitzhenry & Co.	4,200.00	Eastern Drug Co.	7.41
Gatchel & Manning.	60.65	Eastman Kodak Co.	17.82
Graham Co., Andrew B.	144.00	Gilman, Z. D.	.50
Hackett, Wm. B.	18.00	Green, Henry J.	6.98
Hallock, W. G.	123.50	Harris, Ralph & Co.	82.50
Harris & Co., Ralph.	3.06	Leese, M. A.	4.73
Hendee Manufacturing Co.	1,240.00	Robey French Co.	34.79
Hoyt, Edith.	56.50	Thomas Co., A. H.	191.65
Johnson Sporting Goods Co., Iver.	1.70	Thomsen Chemical Co.	3,883.38
Jause, John A.	108.00	Total.	4,298.93
Lansburgh & Bro.	2.90	<i>Travel and station and field expenses.</i>	
Law, Wm. F.	\$33.00	Bailey, Irving L.	497.02
Martin, Fred.	18.00	Barber, Herbert S.	70.57
Masten & Wells Fire Works Manu- facturing Co.	17.25	Bean, Henry N.	4.65
Monarch Typewriter Co.	5.00	Bruner, Lawrence.	27.19
Morse, Merriam C.	313.50	Burgess, A. F.	738.17
Muth & Co., Geo. F.	7.52	Carmody, Mary.	15.30
Naramore, L. J.	.25		
New York Tribune.	9.60		
Olds Gas Power Co.	110.40		
Penney, Willie M.	54.00		
Pettingell, Andrews & Co.	2.30		
Reed, Thomas I.	275.00		
Remington Typewriter Co.	95.60		
Ross, Louis L.	50.00		
Sherman, Daniel E.	164.00		
Smith & Jewett.	4.50		
Southern Printers Supply Co.	.60		
Spencer, Thos.	31.50		
Standard Oil Co. of New York.	82.10		
Starbird, John.	30.00		
Stevens, Peter H.	10.00		
Stumpp & Walter Co.	1.00		
Thomas, Frank R.	180.50		



## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Preventing spread of moths, Bureau of Entomology, 1910, \$300,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Clifton, R. S.....	\$28.90	Stockwell, Chellis W.....	\$169.69
Collins, Walter C.....	641.75	Strauss, J. F.....	85.00
Dovener, Wm. N.....	37.98	Taylor, Estes P.....	130.13
Fiske, W. F.....	982.73	Thompson, Wm. R.....	643.73
Howard, L. O.....	1,375.12	Timberlake, Philip H.....	277.62
McIntyre, H. L.....	554.53	Townsend, C. H. T.....	331.35
Murphy, David G.....	299.21	Viereck, H. L.....	30.00
Patterson, T. L.....	348.06	Vinton, Harry W.....	308.74
Philbrook, E. E.....	8.35	Woolbridge, Reginald.....	342.53
Rogers, D. M.....	2,095.49		
Smith, H. S.....	715.62	Total.....	10,761.83

Total amount of appropriation.....\$300,000.00  
 Total expenditures under above groups.....267,327.65

Unexpended balance on Aug. 31, 1910.....32,672.35  
 Outstanding liabilities (estimated).....8,649.50

Balance to be turned back in Treasury (estimated).....24,022.85

## RECAPITULATION.

Statutory salaries.....	\$29,179.23
Lump-fund salaries—	
In Washington.....	67,384.12
Outside of Washington.....	293,025.34
Stationery.....	1,704.35
Miscellaneous supplies and services, equipment, books, machinery, etc.....	32,607.90
Furniture.....	1,346.87
Fuel.....	94.75
Freight.....	428.74
Express.....	436.95
Telegraph.....	175.44
Telephone.....	409.06
Rent.....	3,996.46
Gas and electricity.....	94.42
Printing and binding.....	8,726.97
Travel and station and field expenses.....	43,120.44

Total for entire Bureau of Entomology.....482,731.04

Total amount of appropriations.....527,680.00  
 Total expenditures under above groups.....482,731.04

Unexpended balance on Aug. 31, 1910.....44,948.96  
 Repayments to credit of appropriations.....56.52

Net unexpended balance.....45,005.48  
 Outstanding liabilities (estimated).....13,638.73

Balance to be turned back in Treasury (estimated).....31,366.75

## BUREAU OF ENTOMOLOGY—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Entomology during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

*General expenses, Bureau of Entomology, 1910.*

Importation of useful insects (miscellaneous insects).....	\$3, 500. 00
Investigations of insects affecting forests and forest products.....	13, 448. 09
Investigations of insects affecting deciduous fruits.....	41, 015. 45
Investigations of insects affecting cereal and forage plants.....	22, 181. 02
Investigations of insects affecting truck crops and stored products.....	15, 993. 82
White-fly investigations (citrus fruit insects).....	6, 500. 00
Investigations of insects in their direct relation to the health of man and domestic animals (miscellaneous insects).....	2, 000. 00
Investigations of scale insects (citrus fruit insects).....	4, 120. 58
Experimental work with insecticides (miscellaneous insects).....	3, 000. 00
Southern field crop insects (including work on the Mexican cotton-boll weevil and other insects affecting cotton).....	33, 595. 09
Investigations of insects affecting tobacco (southern field crop insects)...	5, 000. 00
Inspection work (miscellaneous insects).....	2, 000. 00
Apicultural investigations.....	9, 892. 82
Investigations of the life history of the cattle tick (southern field crop insects).....	6, 500. 00
Experiments with hydrocyanic-acid gas fumigation (citrus fruit insects)...	5, 000. 00
Investigations of cactus insects (southern field crop insects).....	2, 500. 00
Miscellaneous investigations (miscellaneous insects).....	14, 910. 00
Total.....	191, 156. 87

*Preventing spread of moths, Bureau of Entomology, 1910.*

Preventing the further spread of the gipsy moth and the brown-tail moth.. 275, 977. 15

## BUREAU OF BIOLOGICAL SURVEY.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Biological Survey, 1910, \$13,000."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Henshaw, H. W.....	} Chief of bureau, at \$3,000.....	\$250.00	
Merriam, C. Hart.....		2, 750.00	\$479. 45
Brewster, C. E.....		1, 800.00	607. 99
Thompson, E. J.....		1, 400.00	
Milligan, C. B.....	Clerk, class 1.....	1, 180.00	
Earnshaw, F. L.....	Clerk, at \$1,000.....	972. 22	
Maxon, May C.....	do.....	1, 000.00	
Mindeleff, Natalia V.....	Clerk, at \$900.....	827. 50	
Winfield, A. M.....	do.....	900.00	
Rousseau, Geo. W.....	} Messenger, at \$720.....	300.00	
Ward, L. C.....		420.00	
Loftin, Ella.....		480.00	
Fisher, Della.....		600.00	
Total.....		12, 879. 72	

Total amount of the above appropriation..... \$13, 000. 00

Total amount paid for salaries..... 12, 879. 72

Unexpended balance..... 120. 28

## BUREAU OF BIOLOGICAL SURVEY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (Game Preservation), \$9,420."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Palmer, T. S. ....	Assistant in charge of game preservation, at \$2,500.	\$2,291.66	\$304.68
Oldys, Henry .....	Assistant biologist, at \$1,800. ....	1,800.00	5.00
Shea, Mabel I. ....	Clerk, at \$900. ....	662.50	
Aldrich, Jessie M. ....	Stenographer and typewriter, at \$900. ....	225.00	
Total. ....		4,979.16	
<i>Out of Washington.</i>			
Baily, Wm. L. ....	Special inspector of foreign animals and birds, at \$5 per inspection.	30.00	
Blackman, L. G. ....	do. ....	10.00	
Bowditch, B. S. ....	Expert inspector of foreign birds and mammals, at \$5 per inspection.	300.00	
Bryan, William Alamon. ....	Special inspector of foreign animals and birds, at \$5 per inspection.	45.00	
Dutcher, Wm. ....	do. ....	110.00	
Finley, Wm. L. ....	Agent, at \$100 per month. ....	100.00	23.60
Forbush, E. H. ....	do. ....	100.00	91.35
Total. ....		695.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Ballantyne, R. Carter. ....	\$3.92	Globe-Wernicke Co. ....	\$49.50
Baumgarten & Sons Co., J. ....	1.53	Lincoln, Fred. S. ....	21.40
Clarke & Baker Co. ....	2.50	Moses & Sons, W. B. ....	109.12
Contingent expenses, Department of Agriculture. ....	89.56	Total. ....	180.02
Library Bureau. ....	41.80	<i>Telegraph.</i>	
Morrison Paper Co. ....	5.65	Postal Telegraph-Cable Co. ....	1.51
Multum in Parvo Binder Co. ....	2.00	Western Union Telegraph Co. ....	28.53
Swayze, W. L. ....	3.30	Total. ....	30.04
Valley Paper Co. ....	2.10	<i>Telephone.</i>	
Washington Loose Leaf Co. ....	238.80	Chesapeake & Potomac Telephone Co., The. ....	10.12
Total. ....	391.16	<i>Apparatus, instruments, and laboratory material.</i>	
<i>Miscellaneous supplies, etc.</i>		Sheetz, W. Silas. ....	79.00
Art Metal Construction Co. ....	\$7.00	<i>Travel and station and field expenses.</i>	
Barber & Ross. ....	1.50	Brewster, C. E. ....	607.99
Clarke Co., R. P. ....	8.55	Finley, Wm. L. ....	23.60
Contingent expenses, Department of Agriculture. ....	6.12	Forbush, E. H. ....	91.35
Fuertes, Louis Agassiz. ....	200.00	Oldys, Henry. ....	5.00
Joyce Engraving Co., The Maurice. ....	4.69	Palmer, T. S. ....	304.68
May Hardware Co., F. P. ....	75.05	Total. ....	1,032.62
Remington Typewriter Co. ....	80.60		
Smith Premier T. W. Co. ....	8.15		
U. S. Geological Survey. ....	75.00		
Woodward & Lothrop. ....	21.90		
Total. ....	568.56		

Total amount of appropriation. .... \$9,420.00  
 Total expenditures under above groups. .... 7,965.68

Unexpended balance on Aug. 31, 1910. .... 1,454.32  
 Outstanding liabilities (estimated). .... 362.73

Balance to be turned back in Treasury (estimated). .... 1,091.59



## BUREAU OF BIOLOGICAL SURVEY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (maintenance of mammal and bird reservations), \$7,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Dawson, W. Leon.....	Agent, at \$75 per month.....	\$75.00	\$44.73
Hodges, Andrew R.....	Warden, at \$1,200.....	1,000.00	1,261.24
Ashe, T. J.....	Warden, at \$25 per month.....	37.50	
Eastgate, Alfred.....	do.....	225.00	
Hawks, Adam.....	do.....	75.00	
Hibbard, Claude.....	do.....	300.00	
Hoh, Samuel.....	do.....	50.00	
Howeattle, Arthur.....	do.....	150.00	
Jones, Jerry.....	do.....	50.00	
Lewis, L. Alva.....	do.....	300.00	20.00
McGee, Dewey.....	do.....	75.00	
Peacon, John.....	do.....	50.00	
Sprinkle, Wm. M.....	do.....	300.00	
Watson, John B.....	do.....	50.00	
Dickerson, John.....	Assistant warden, at \$15 per month.....	45.00	
Jones, Bert.....	do.....	30.00	
Kroegel, Paul.....	do.....	180.00	
Lee, Robt. E.....	do.....	45.00	
Lee, Tim.....	do.....	45.00	
McCumber, H. H.....	do.....	105.00	
Obi, Ole.....	do.....	30.00	
Pillsbury, C. P.....	do.....	180.00	
Nelson, Peter.....	Assistant warden, at \$10 per month.....	60.00	
Wiley, S. L.....	Assistant warden, at \$1 per month.....	12.00	
Total.....		3,469.50	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Freight.</i>	
Big Blackfoot Lumber Co.....	\$211.89	Northern Pacific Ry. Co.....	\$36.00
Big Blackfoot Milling Co.....	165.00		
Cantrel, Arthur.....	3.00	<i>Travel and station and field expenses.</i>	
Cantrel, T. J.....	116.00	Dawson, W. Leon.....	44.73
Ethelle, Thos., sr.....	116.00	Hodges, Andrew R.....	1,261.24
Joyce Engraving Co., The Maurice.....	16.26	Lewis, Alva L.....	20.00
Logean, James.....	43.50		
McPheeters, R. S.....	74.00	Total.....	1,325.97
Missoula Mercantile Co.....	85.46		
Northern Mercantile Co.....	11.20		
Northern Pacific Ry. Co.....	360.00		
Roebbling Sons & Co., John A.....	58.58		
Tracy, W. W.....	42.00		
War Department.....	23.79		
Western Electric Co.....	46.00		
Total.....	1,372.68		

Total amount of appropriation.....	\$7,000.00
Total expenditures under above groups.....	6,204.15
Unexpended balance on Aug. 31, 1910.....	795.85
Outstanding liabilities (estimated).....	78.09
Balance to be turned back in Treasury (estimated).....	717.76

## BUREAU OF BIOLOGICAL SURVEY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (food habits of birds and mammals, \$25,000.)"*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Fisher, A. K.....	Assistant in charge of economic investigations, at \$2,500.	\$2,500.00	\$485.99
Beal, F. E. L.....	Assistant in charge of economic ornithology, at \$2,400.	2,400.00	601.70
Dearborn, Ned.....	Expert biologist, at \$2,000.....	1,500.00	227.36
Lantz, D. E.....	Assistant biologist, at \$1,800.....	1,800.00	344.68
Howell, A. H.....	Assistant biologist, at \$1,600 and \$1,700.....	1,279.16	.....
McAtee, W. L.....	Assistant biologist, at \$1,400 and \$1,600.....	1,483.33	627.85
Cary, Merritt.....	Assistant biologist, at \$1,200.....	400.00	.....
Piper, S. E.....	Scientific assistant, at \$1,400 and \$1,600.....	1,292.22	991.43
Goldman, E. A.....	Field naturalist, at \$1,700.....	1,700.00	747.77
Birdseye, Clarence.....	Expert field naturalist, at \$1,200.....	100.00	1,139.01
Ward, L. C.....	Minor clerk, at \$900.....	375.00	.....
Total.....	.....	14,829.71	.....
<i>Out of Washington.</i>			
Dearborn, Ned.....	Expert biologist, at \$2,000.....	500.00	.....
Piper, S. E.....	Scientific assistant, at \$1,600.....	133.33	.....
Birdseye, Clarence.....	Expert field naturalist, at \$1,200.....	300.00	.....
Total.....	.....	933.33	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Clarke Co., R. P.....	\$5.00	Hazleton, E. P.....	\$6.50
Contingent expenses, Department of Agriculture.....	105.85	Heartley Machine Variety Iron & Tool Works.....	12.00
Lincoln, Fred S.....	21.80	Hixon, F. J.....	17.60
Total.....	132.65	Hooze, John E.....	16.40
<i>Miscellaneous supplies, etc.</i>		Horton, Lawrence.....	3.70
Abby, Warren.....	4.05	Improved Mailing Case Co.....	21.58
Adickers, A. W.....	2.80	Jeanfran, L.....	2.90
American Entomological Co.....	47.25	Jenks & Son, W. S.....	10.00
Art Metal Construction Co.....	302.60	Maurice Joyce Engraving Co., The.....	2.79
Austin & Co., S.....	.25	Klugh, A. B.....	6.20
Barrett Manufacturing Co.....	3.25	Kneessi's Sons.....	2.50
Bedell Manufacturing Co.....	3.40	Latham, Roy.....	1.50
Beers, Henry W.....	1.50	Macabee, Z. A.....	25.50
Berg, W. E.....	2.55	May Hardware Co., F. P.....	42.00
Chichester, Andrew.....	.70	Metz, C. W.....	5.75
Cognevich, E. B.....	43.30	Munson, Supply.....	4.50
Contingent expenses, Department of Agriculture.....	12.47	Espey, J. B.....	12.50
Conlon, P. A.....	1.30	Newton, Thomas.....	3.40
Davenport Trap Co.....	1.00	Peabody, P. B.....	2.25
Dice, Lee R.....	4.35	Phillips, John C.....	6.70
Drew, S. S.....	.55	Phillipsbury, E. B.....	10.00
Dulin & Martin.....	4.50	Smith, Thos. W.....	3.00
Dunbar, S. Arthur.....	3.00	Snyder, W. E.....	5.25
Eastgate, Alfred.....	1.80	Southern Printers' Supply Co.....	1.85
Eifing, G.....	1.75	Taverner, P. A.....	10.95
Ferguson, O. G.....	31.60	Telford, Ray A.....	1.90
Frey, J. W.....	6.20	Todd, W. E. Clyde.....	6.90
Fuertes, Louis Agassiz.....	200.00	Topham, James S.....	1.35
Hanger, J. E.....	3.00	Trinchard, E. J.....	2.00
Hardy, John H. J.....	2.50	Uhling, J. A.....	.70
		Wagner, Wm.....	24.05
		Warren, E. R.....	7.50
		Waterfield, L. R.....	3.70
		Weber, J. A.....	23.35

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (food habits of birds and mammals), \$25,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
White, J. B. ....	\$69.60	Columbia Photo Supply Co. ....	\$21.77
White, J. T. ....	4.90	Eastman Kodak Co. ....	23.95
Wilson, J. E. ....	29.65	Evans, Henry ....	2.80
Woodward & Lothrop. ....	20.60	Flemer, Lewis ....	39.00
Worthington, W. W. ....	37.20	Gilman, Z. D. ....	1.50
Young, A. J. ....	1.70	Hoffman La Roche Chemical Works. .	116.48
Total.....	1,158.09	Lewis, J. L. ....	.60
<i>Furniture.</i>		Mackall Bros. ....	73.09
Derby Desk Co. ....	63.00	Merck & Co. ....	17.50
Gimbel, Ellis A. ....	17.30	Roberts Co., W. F. ....	9.00
Lansburgh, Furniture & Carpet Co., J.	25.00	Sheetz, W. Silas. ....	55.50
Lincoln, Fred S. ....	24.75	Shoemaker & Busch. ....	19.10
Moses & Sons, W. B. ....	100.10	Thomas Co., A. H. ....	1.08
Yawman & Erbe Manufacturing Co. .	5.40	Total.....	485.19
Total.....	235.55	<i>Travel and station and field expenses.</i>	
<i>Telegraph.</i>		Beal, F. E. L. ....	601.70
Postal Telegraph-Cable Co. ....	1.45	Birdseye, Clarence ....	535.39
Western Union Telegraph Co. ....	18.45	Cary, Merritt. ....	414.65
Total.....	19.90	Dearborn, Ned. ....	227.36
<i>Apparatus, instruments, and laboratory material.</i>		Fisher, A. K. ....	485.99
Bausch & Lomb Optical Co. ....	24.50	Goldman, E. A. ....	747.77
Boyd & Co., F. O. ....	23.88	Howell, A. H. ....	340.93
		Lantz, D. E. ....	344.68
		McAtee, W. L. ....	627.85
		Piper, Stanley E. ....	991.43
		Total.....	5,317.75

Total amount of appropriation..... \$25,000.00  
 Total expenditures under above groups..... 23,112.17

Unexpended balance on Aug. 31, 1910..... 1,887.83  
 Outstanding liabilities (estimated)..... 556.94  
 Balance to be turned back in Treasury (estimated)..... 1,330.89

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (biological investigations), \$18,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bailey, Vernon.....	In charge of biological investigations, at \$2,500.	\$2,500.00	\$683.35
Cary, Merritt.....	Assistant biologist, at \$1,200 and \$1,800 .....	475.00	891.76
Howell, A. H. ....	Assistant biologist, at \$1,700 .....	354.17	672.41
Nelson, E. W. ....	Chief field naturalist, at \$2,400 .....	2,400.00	667.93
Birdseye, Clarence	Expert field naturalist, at \$100 per month.	500.00	.....
Streeter, D. D., jr.	Expert field naturalist, at \$50 per month and \$75 per month.	525.00	857.46
Cooke, W. W. ....	Bird migration expert, at \$1,400 and \$1,600 .....	1,483.33	.....
Oberholzer, H. C.	Assistant ornithologist, at \$1,200 .....	700.00	.....
Hollister, N. ....	Expert, at \$1,400 .....	700.00	609.39
Jackson, H. H. T.	do .....	525.01	.....
Patch, C. L. ....	Expert, at \$75 per month .....	165.00	.....
Dickey, Samuel S.	Expert, at \$50 per month .....	100.00	.....
Dolly, Wm. L., jr.	Map colorist, at \$720 .....	116.00	.....
Walsh, Harry A.	Map colorist and draftsman, at \$720 .....	30.00	.....
White, Samuel A.	Map draftsman and colorist, at \$720 .....	26.00	.....
Total.....		10,599.51	.....



## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (biological investigations), \$18,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Cary, Merritt	Assistant biologist, at \$1,800	\$300.00	
Anthony, H. E.	Expert, at \$75 per month and agent, at \$75 per month.	150.00	\$167.40
Jewett, Stanley G.	Expert, at \$75 per month.	187.50	223.40
Streeter, D. D., jr.	Expert field naturalist, at \$75 per month.	150.00	
Wetmore, Alex.	Agent, at \$75 per month.	75.00	36.37
Total		862.50	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$13.50	Owens, James T.	\$20.00
Baumgarten & Sons Co., J.	1.44	Randenbush, Wm. O.	3.00
Contingent expenses, Department of Agriculture.	.98	Rosenberg, W. F. H.	55.96
Lamb & Tilden.	5.60	Rudolph & West Co.	49.80
Lincoln, Fred S.	4.50	Savage, Walter G.	11.15
Total.	26.02	Sawyer, E. J.	50.00
<i>Miscellaneous supplies, etc.</i>		Schroeder, Percy.	1.50
Abby, Warren.	1.00	Selle Co., H. W.	3.74
Abercrombie & Fitch Co.	26.50	Shoup, A. G.	48.50
Allen, Porter.	5.00	Stewart, W. B.	1.50
Bailor, Fred.	24.15	Streator, Clark P.	17.50
Beardsley, W. B.	2.55	Sunkler, John.	17.25
Betzold Bros.	13.75	Topham, James S.	1.00
Britnell, John.	2.95	U. S. Geological Survey.	18.00
Burton & Son, R. C. M.	1.00	Verrill, A. Hyatt.	5.00
Cameron, A. B.	26.50	Wagner, Wm.	15.00
Case, W. H.	3.00	Walford, D. N.	41.18
Chansler, E. J.	3.20	Total.	812.28
Clarke Co., R. P.	9.96	<i>Furniture.</i>	
Contingent expenses, Department of Agriculture.	7.93	Lincoln, Fred S.	6.75
Coward, Wm. L.	5.00	<i>Express.</i>	
Curtis, Frank.	2.60	Adams Express Co.	.80
Detroit Publishing Co.	7.30	<i>Apparatus instruments and laboratory material.</i>	
Elsner, John.	7.00	Eastman Kodak Co.	16.20
Espey, John B.	4.08	Leese, M. A.	28.81
Fuertes, Louis Agassiz.	100.00	Mackall Bros.	5.98
Grill, Wm. I.	8.00	Schmidt, Fred A.	6.00
Hanger, J. E.	5.40	Total.	56.99
Hartig, Louis.	.38	<i>Travel and station and field expenses.</i>	
Hinds, W. E.	.55	Anthony, H. E.	167.40
Holcombe, Paul T.	26.00	Bailey, Vernon.	683.35
Hotchkiss, H. H.	9.60	Birdseye, Clarence.	603.62
Jenkins, Will.	7.50	Cary, Merritt.	477.11
Johnson, J. H.	7.25	Hollister, N.	609.39
Jones, Hy. W.	37.50	Howell, A. H.	331.48
Koren, John.	18.00	Jewett, Stanley G.	223.40
Lilly, B. V.	4.50	Nelson, E. M.	667.93
MacFarlane, R.	3.00	Preble, E. A.	188.20
Matthews, Willie.	3.00	Streeter, D. D., jr.	857.46
May Hardware Co., F. P.	30.00	Wetmore, Alex.	36.37
Mills, J. S.	3.50	Total.	4,845.71
Millsaps, W. J.	8.30		
O'Leary, H. A.	14.25		
Oliver, James.	9.00		
O'Neal, Thos.	3.00		

Total amount of appropriation..... \$18,000.00  
 Total expenditures under above groups..... 17,210.56

Unexpended balance on Aug. 31, 1910..... 789.44  
 Outstanding liabilities (estimated)..... 315.33

Balance to be turned back in Treasury (estimated)..... 474.11

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (administrative expenses), \$15,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Henshaw, H. W.	Administrative assistant, at \$2,750.	\$2,520.83	
Palmer, T. S.	Assistant chief of bureau, at \$2,900.	241.67	
Merriam, C. Hart	Consulting biologist, at \$10 per diem.	80.00	
Preble, E. A.	Assistant biologist, at \$1,800 and \$2,000.	1,866.67	\$188.20
Morrison, Ada B.	Assistant biologist, at \$1,600.	1,582.23	
Barrett, J. L.	Expert taxidermist, at \$1,000 and \$1,200.	1,083.33	
Kent, N. H.	Clerk and photographer, at \$1,200, and photographer, at \$1,400.	1,283.34	
Barnum, Charlotte C.	Editorial clerk, at \$1,200.	1,200.00	
Woodward, Marguerite.	Laborer and cataloguer, at \$60 per month.	360.00	
Moran, Francis S.	Messenger boy, at \$360.	164.00	
Total		10,382.07	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$17.20	O'Leary, J. A.	\$4.00
Ballantyne, R. Carter	1.89	Randolph Paper Box Co.	8.00
Clarke Co., R. P.	7.12	Remington Typewriter Co.	80.50
Columbia Ribbon & Carbon Manufacturing Co.	3.25	Rhoads, Samuel N.	52.75
Contingent expenses, Department of Agriculture	182.03	Robbins & Myers Co.	14.05
Kalamazoo Loose Leaf Binder Co.	2.80	Roberts & Co. (Inc.), W. F.	1.50
Lamb & Tilden	7.98	Rudolph & West Co.	1.48
Lincoln, Fred. S.	6.80	Stringer Storage Co.	8.00
Siebert, Jno. F.	9.60	Topham, James S.	38.50
Swayze, W. L.	13.85	Underwood Typewriter Co.	45.00
Valley Paper Co.	2.10	United States Geographical Survey.	227.75
Washington Loose Leaf Co.	117.86	Wagner, Wm.	9.75
Total	372.48	Walford, D. N.	13.00
		Westinghouse Electric Manufacturing Co.	25.70
<i>Miscellaneous supplies, etc.</i>		Total	1,484.21
Abercrombie & Fitch Co.	36.00	<i>Furniture.</i>	
Art Metal Construction Co.	345.75	Derby Desk Co.	21.00
Bliss, Albrecht & Co.	78.00	Gimbel, Ellis A.	55.79
Burton & Son, R. C. M.	30.00	Lincoln, Fred. S.	52.60
Clason Map Co.	3.50	Moses & Sons, W. B.	124.63
Contingent expenses, Department of Agriculture	172.61	Woodward & Lothrop	92.25
Espey, John B.	.61	Total	346.27
Galt & Co., W. M.	.83	<i>Freight.</i>	
Gregory, George	12.30	Knox Express Co., The Geo. W.	1.00
Hartig, Louis	.39	<i>Express.</i>	
Hazleton, E. P.	.25	Adams Express Co.	157.42
Holtzer-Cabot Electric Co.	13.05	United States Express Co.	85.48
Houghton, Mifflin Co.	3.50	Total	242.90
Kimball Piano Co.	2.50	<i>Telegraph.</i>	
Lambie Co. (Inc.), James B.	24.30	Postal Telegraph-Cable Co.	2.16
Lansburgh & Bro.	33.90	Western Union Telegraph Co.	14.20
McFadden Co., Lawrence	1.00	Total	16.36
Macabee, Z. A.	9.00		
May Hardware Co., F. P.	108.00		
Minnix Co. (Inc.), N. M.	70.60		
Mischke, Geo. M.	3.50		
Multi-Speed Shutter Co.	1.50		
Muth & Co., Geo. F.	1.06		
National Electrical Supply Co.	2.33		
National Supply Co.	1.50		
National Window & Office Cleaning Co.	3.25		

## BUREAU OF BIOLOGICAL SURVEY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Biological Survey, 1910 (administrative expenses), \$15,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Chesapeake & Potomac Telephone Co.	\$34.19	Multi-Speed Shutter Co.	\$50.00
<i>Apparatus, instruments, and laboratory material.</i>		Pullman, E. J.	10.88
Burke & James.	67.50	Roberts, Co., W. F.	9.00
Columbia Photo Supply Co.	66.01	Schmidt, Fred A.	2.20
Eastman Kodak Co.	202.90	Shoemaker & Busch.	1.18
Flemer, Lewis.	14.85	Taylor, Taylor & Hobson (Ltd.)	30.38
Franklin & Co.	3.00	Total	474.11
Gilman, Z. D.	1.16	<i>Travel and station and field expenses.</i>	
Leese, M. A.	7.13	Merriam, C. Hart	479.45
Luthin, R. H.	1.15		
Mackall Bros.	6.77		

Total amount of appropriation.....\$15,000.00

Total expenditures under above groups.....13,833.04

Unexpended balance on Aug. 31, 1910.....1,166.96

Outstanding liabilities (estimated).....1,037.05

Balance to be turned back in Treasury (estimated).....129.91

## RECAPITULATION.

Statutory salaries.....	\$12,879.72
Lump-fund salaries:	
In Washington.....	40,790.45
Outside of Washington.....	5,960.33
Stationery.....	922.31
Miscellaneous supplies and services, equipment, books, machinery, etc.	5,395.82
Furniture.....	768.59
Freight.....	37.00
Express.....	243.70
Telegraph.....	66.30
Telephone.....	44.31
Apparatus, instruments, and laboratory material.....	1,095.29
Travel and station and field expenses.....	13,001.50
Total for entire Bureau of Biological Survey.....	81,205.32
Total amount of appropriations.....	87,420.00
Total expenditures under above groups.....	81,205.32
Unexpended balance on Aug. 31, 1910.....	6,214.68
Outstanding liabilities (estimated).....	2,350.14
Balance to be turned back in Treasury (estimated).....	3,864.54



## BUREAU OF BIOLOGICAL SURVEY—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Biological Survey during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

No. 1. Preparation of reports and maps relating to life and crop zones...	\$7, 475. 86
No. 2. Biological survey of California.....	1, 605. 20
No. 3. Biological survey of New Mexico.....	No charge.
No. 4. Biological survey of Colorado.....	525. 83
No. 9. Investigations of the food habits of birds.....	4, 101. 27
No. 10. Investigations into the relations of birds to the cotton-boll weevil.....	No charge.
No. 13. Investigation of the food of land game birds of the United States.....	No charge.
No. 14. Investigation of the food of aquatic game birds.....	1, 096. 78
No. 16. Investigation into the migration of birds.....	1, 485. 00
No. 17. Investigation into the relations of mammals to agriculture.....	3, 702. 65
No. 19. Supervision over the importation of foreign mammals, birds, and birds' eggs.....	1, 168. 31
No. 20. Publication of information concerning game and birds.....	1, 108. 00
No. 21. Protection of game and birds.....	2, 424. 92
No. 22. Supervision of bird and game reservations and game refuges.....	3, 456. 10
No. 24. Destruction of ground squirrels in Washington, Oregon, and Idaho, including study of bacterial diseases.....	50. 00
No. 25. Inquiry into the relation of wolves to stock raising.....	No charge.
No. 28. Expenses for administration, including contingent and miscellaneous expenses, labor, and other general expenditures in Washington.....	22, 144. 60
No. 29. Field work in eastern United States in relation to birds and small fruit.....	No charge.
No. 31. Relation of woodpeckers to forestry and agriculture.....	785. 00
No. 32. Extermination of the English sparrow in southern California.....	No charge.
No. 33. Supervision of national bison herd in Montana.....	3, 812. 74
No. 34. Gophers in relation to agriculture.....	200. 00
No. 35. Introduction and rearing of imported pheasants.....	No charge.
No. 36. Biological survey of Utah.....	544. 29
No. 37. Biological reconnaissance of parts of Virginia, Tennessee, Georgia, Alabama, Mississippi, North Carolina, Kentucky, Louisiana, and Florida.....	263. 33
No. 38. Destruction of ground squirrels in California.....	2, 085. 00
No. 39. Field-mice investigations.....	64. 55
No. 40. Relations of rabbits to agriculture.....	No charge.
No. 41. Investigation of the English starling.....	200. 00
No. 42. Experimental and demonstration work in destroying ground squirrels, field mice, and other noxious mammals in the national forests, game preserves, and elsewhere.....	2, 754. 83
No. 43. Field study of the birds of Oregon and Washington in relation to fruit growing and agriculture.....	1, 601. 70
No. 44. Biological survey of Arizona.....	1, 830. 00
No. 45. Biological survey of Oregon and Washington.....	1, 087. 00
No. 46. Destruction of house rats.....	387. 45
No. 49. Investigating food habits of moles.....	259. 65
No. 50. Food of flycatchers.....	900. 00
No. 51. Food, distribution, and migration of wading birds.....	No charge.
No. 52. Food of swallows in relation to agriculture.....	No charge.
No. 53. Protection of embankments and irrigation ditches from burrowing animals.....	496. 10
No. 54. Miscellaneous investigations.....	3, 059. 58
	<hr/> 70, 675. 74

## DIVISION OF ACCOUNTS AND DISBURSEMENTS.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Division of Accounts and Disbursements, 1910, \$61,490."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Zappone, A.	Chief of division and disbursing clerk, at \$3,250.	\$3,250.00	
Calvert, E. B.	Assistant chief, at \$2,500.	2,500.00	\$453.04
Nevius, W. J.	Auditor, at \$2,000.	1,833.34	
Smith, A. W.		1,166.66	
Yerby, E. D.	do.	2,000.00	
Fagan, M. E.	Cashier and chief clerk, at \$2,000.	1,166.66	
Smith, A. W.		833.34	
Forbes, E. E.	Clerk, class 4.	1,800.00	
Legge, F. W.	do.	1,800.00	
Nevius, W. J.	do.	1,050.00	
Quinn, P. H.	do.	750.00	
Cox, F. C.	Clerk, class 3.	1,600.00	
Jones, W. W.	do.	1,600.00	
Montgomery, Anna.	do.	1,600.00	
Quinn, P. H.	do.	933.33	
Taylor, Charles W.	do.	666.67	
Shuck, W. L.	do.	1,600.00	
Swift, J. W.	do.	1,600.00	
Teller, D. A.	do.	1,600.00	
Berryhill, M. B.	Clerk, class 2.	1,291.10	
Cunningham, S. H.	do.	1,400.00	
Downs, N. L.	do.	583.34	
Taylor, Charles W.	do.	816.66	
Franks, Wyatt C.	do.	840.00	
Galloway, Ballard E.	do.	346.10	
Gould, E. D.	do.	1,400.00	
Harrington, L. F.	do.	1,400.00	
Hubbard, M. S. B.	do.	1,400.00	
Lourin, J. D.	do.	1,400.00	
McCutchin, M.	do.	1,400.00	
Wagner, F. H.	do.	1,400.00	
Dodson, B. M.	Clerk, class 1.	1,200.00	
Downs, N. L.	do.	700.00	
Zapoleon, Louis B.	do.	500.00	
Dykes, J. W.	do.	1,200.00	
Franks, Wyatt G.	do.	473.33	
Roberts, Jasper N.	do.	720.00	
Handy, R. B., jr.	do.	1,200.00	
Haskell, Sadia.	do.	1,200.00	
Martin, F. R.	do.	516.67	
Stewart, William.	do.	683.33	
Springer, J. F.	do.	1,200.00	
Bagley, H. S.	do.	600.01	
Roberts, Jasper N.	Clerk, at \$1,000.	400.00	
Cooksey, H. B.	do.	1,000.00	
De Loss, M. W.	do.	500.00	
Hicks, Jennie M.	do.	69.44	
Stewart, William.	do.	425.00	
Bagley, H. S.	do.	360.00	
Galloway, Ballard E.	Clerk, at \$900.	52.50	
Medley, T. C.	do.	487.50	
De Loss, M. W.	do.	420.00	
McNaught, A., jr.	Clerk, at \$840.	420.00	
Hess, M. H.	do.	455.00	
Medley, T. C.	do.	385.00	
Fagan, George M.	do.	300.00	
McNaught, A., jr.	Clerk, at \$720.	310.00	
Ramsay, Robert E.	do.	12.00	
Hess, M. H.	do.	330.00	
Walker, Shipley B.	do.	366.00	
Mahan, Thomas F.	do.	262.00	
Murphy, R. O. D.	do.	90.00	
Murray, W. A.	Custodian of records and files, at \$1,200.	1,200.00	
Murphy, R. O. D.	do.	450.00	
Oakley, James F.	Messenger, at \$600.	68.33	
Tomlin, Robert M.	do.	75.00	
Total.		60,658.31	

Total amount of above appropriation..... \$61,490.00  
 Total amount paid for salaries..... 60,658.31

Unexpended balance..... 831.69

## DIVISION OF PUBLICATIONS.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Division of Publications, 1910, \$173,450."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Arnold, Joseph A.	Editor and chief of division, at \$3,000.	\$3,000.00	
Stallings, B. D.	Editor and assistant chief, at \$2,250.	2,250.00	
Mudd, A. I.	Chief clerk, at \$2,000.	2,000.00	
Hill, George Wm.	Associate editor, at \$2,000.	1,983.33	
Cornman, Ephraim.	Assistant editor, at \$1,600.	1,600.00	
Harding, W. F.	do	1,600.00	
Kennedy, G. W.	do	1,600.00	
Searles, Stanley	do	200.00	
Thornton, S. Edwin.	do	1,400.00	
Carter, Delos M.	Assistant editor, at \$1,400.	1,400.00	
Searles, Stanley	do	1,224.93	
Greathouse, C. H.	Assistant, charge indexing, at \$1,800.	1,800.00	
Hoskins, Ed S.	Indexer, at \$1,400.	1,396.11	
Williams, L. S.	Assistant in charge of illustrations, at \$2,000.	2,000.00	\$888.96
Boettcher, A. B.	Draftsman or photographer, at \$1,500.	1,054.17	
Stevenson, J. H.	do	441.66	
Cline, W. S.	Draftsman or photographer, at \$1,400.	1,400.00	
Freyer, Chas. H.	do	412.22	
Stevenson, J. H.	do	987.78	
Freyer, Chas. H.	Draftsman or photographer, at \$1,200.	846.66	
Oyster, Franklin E.	do	300.00	
Beeson, Loring W.	Photographer, at \$1,200.	1,200.00	
Brown, F. H.	do	850.00	
Currie, William.	do	1,103.33	
Hallock, L. V.	do	1,200.00	
Olmsted, Arthur J.	do	500.00	
Paltridge, Geo. H.	do	588.34	
Bullock, Julia E.	Assistant photographer, at \$840.	840.00	
Handy, R. B.	Assistant, charge of document section, at \$2,000.	2,000.00	
Cleary, Francis J. P.	Assistant in document section, at \$1,600.	1,600.00	
Hendrix, J. H.	Foreman, miscellaneous distribution, at \$1,500.	1,500.00	
Walter, H. S.	Foreman, farmers' bulletin distribution, at \$1,200.	1,200.00	
Thorn, M. E.	Forewoman, at \$1,400.	1,400.00	
Edwards, M. E.	Forewoman, at \$1,200.	1,200.00	
Riley, John O.	Clerk, class 2.	1,400.00	
Bracey, C. E.	Clerk, class 1.	1,200.00	
Chapman, Harriet B.	do	1,200.00	
Clark, Blanche B.	do	1,200.00	
Murray, Anne R.	do	750.00	
Niehols, I. J.	do	450.00	
Stoddart, M. C.	do	1,200.00	
Goodchild, M. A.	Clerk, at \$1,000.	994.44	
Hammack, Annie L.	do	1,000.00	
Lawson, Laura B.	do	1,000.00	
Merriam, Lucy R.	do	1,000.00	
Moseley, Maggie M.	do	1,000.00	
Murray, Anne R.	do	375.00	
Niehols, I. J.	do	625.01	
Myer, Alice.	do	1,000.00	
Plant, Catherine T.	do	1,000.00	
Smith, Mary A. E.	do	1,000.00	
Tull, Ava J.	do	1,000.00	
Carpenter, Stella L.	Clerk, at \$900.	900.00	
Daniels, M. A.	do	900.00	
Drayton, Hester E.	do	352.50	
Thode, Joachine.	do	547.50	
Dunford, Annie.	do	900.00	
Haas C. B.	do	900.00	
Hayes, Rose A.	do	892.50	
Kammerer, M. M.	do	525.00	
Penfield, Cora A.	do	375.00	
Nelson, Ella M.	do	887.50	
Roe, Ida M. D.	do	900.00	
Saunders, Catherine.	do	900.00	
Armstrong, Marian.	Clerk, at \$840.	840.00	
Bane, Philena M.	do	840.00	
Barber, Fannie C.	do	795.67	
Coe, Sallie A. B.	do	44.33	
Buffington, Bessie C.	do	821.33	
Burlingame, Sarah A.	do	840.00	
Carraway, Lucie C.	do	840.00	
Connor, Julia A.	do	840.00	



## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Division of Publications, 1910, \$173,450"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary	Amount paid for travel and station and field expenses.
Esputa, Mamie.....	Clerk, at \$840.....	\$708.18	.....
Wright, May H.....	do.....	65.33	.....
Galloway, Maud P.....	do.....	840.00	.....
Gardner, Lucy A.....	do.....	805.00	.....
Goldsmith, Bennie H.....	do.....	490.00	.....
Hobgood, Mary L.....	do.....	21.00	.....
Thode, Joachim.....	do.....	329.00	.....
Johnson, Willette M.....	do.....	490.00	.....
Kammerer, M. M.....	do.....	350.00	.....
King, Minnesota J.....	do.....	840.00	.....
McCargar, Gertrude.....	do.....	735.00	.....
Mulholland, M. B.....	do.....	93.33	.....
Moore, Ella D.....	do.....	840.00	.....
Owens, Maude.....	do.....	840.00	.....
Powell, Emily.....	do.....	840.00	.....
Price, Almira.....	do.....	840.00	.....
Reece, Viola E.....	do.....	840.00	.....
Rice, Nellie.....	do.....	840.00	.....
Rumbaugh, Bessie G.....	do.....	840.00	.....
Sullivan, Helen C.....	do.....	840.00	.....
Taylor, A. Robena.....	do.....	840.00	.....
Thompson, Augusta H.....	do.....	840.00	.....
Wood, Sadie S.....	do.....	840.00	.....
Allyn, Amelia M.....	Clerk, at \$720.....	720.00	.....
Barber, Fannie C.....	do.....	38.00	.....
Barr, E. Aileen.....	do.....	104.00	.....
Griffith, Gardner L.....	do.....	444.00	.....
Keating, C. G.....	do.....	60.00	.....
Bloom, Rudolph.....	do.....	132.00	.....
Steely, Edna V.....	do.....	540.00	.....
Bowman, Grace L.....	do.....	720.00	.....
Calnan, Katharine.....	do.....	720.00	.....
Coleman, E. Harry.....	do.....	720.00	.....
Coskery, Haddie Z.....	do.....	562.00	.....
Esputa, Mamie.....	do.....	46.00	.....
Sexton, Martha A.....	do.....	64.00	.....
Dooley, Kate V.....	do.....	720.00	.....
Eccleston, Bernice.....	do.....	416.00	.....
Johnson, Willette M.....	do.....	300.00	.....
Eubank, Jane E.....	do.....	690.00	.....
Hurd, Eva.....	do.....	30.00	.....
Fague, Mary E.....	do.....	252.00	.....
Keating, C. G.....	do.....	196.00	.....
Sauls, Robert A.....	do.....	130.00	.....
Fenton, Sallie B.....	do.....	22.00	.....
Hobgood, Mary L.....	do.....	244.00	.....
Palmer, Jessamine L.....	do.....	420.00	.....
Gedney, Sarah E.....	do.....	654.00	.....
Hartless, Lee.....	do.....	60.00	.....
Gibbs, Geneva.....	do.....	720.00	.....
Goldsmith, Bennie H.....	do.....	300.00	.....
Long, Hallock P.....	do.....	354.00	.....
MacFate, Joseph W.....	do.....	66.00	.....
Hemingway, Mary R.....	do.....	718.00	.....
Herrell, S. M. B.....	do.....	224.00	.....
Locke, Louisa K.....	do.....	445.00	.....
Hyatt, Helen.....	do.....	716.00	.....
Kennon, G. G.....	do.....	716.00	.....
McCargar, Gertrude.....	do.....	90.00	.....
Wheelan, F. M.....	do.....	589.00	.....
McGrath, Gerald G.....	do.....	597.00	.....
Willson, A. R.....	do.....	120.00	.....
Mack, Ella S.....	do.....	712.00	.....
Melling, May A.....	do.....	720.00	.....
Miller, Susan J.....	do.....	719.00	.....
Parker, Grace D.....	do.....	648.00	.....
Parkinson, Gertrude.....	do.....	720.00	.....
Pickrell, Nina.....	do.....	718.00	.....
Rahn, M. B.....	do.....	714.00	.....
Rynex, Byrd E.....	do.....	720.00	.....
Spalding, Katharine.....	do.....	720.00	.....

## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Division of Publications, 1910, \$173,450"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Sutton, Virginia	Clerk, at \$720	\$720.00	
Van Kirk, Lucy H.	do.	720.00	
Lawlor, L. D.	Chief folder, at \$1,000	1,000.00	
King, Geo. W.	Folder, at \$900	900.00	
Gordon, William	Folder, at \$840	840.00	
Parker, Annie	do.	835.33	
Quinn, Maggie	do.	840.00	
Sherwood, Benj. R.	Skilled laborer, at \$900	900.00	
Smith, Ida G.	do.	900.00	
Barbour, William H.	Skilled laborer, at \$840	840.00	
Bayne, Patterson	do.	840.00	
Boernstein, Sig G.	do.	280.00	
Jones, Vester S.	do.	500.00	
Fowler, Lorena C.	do.	840.00	
Griffin, Milton R.	do.	840.00	
Martin, Benjamin	do.	840.00	
Peck, Gerald E.	do.	840.00	
Pfunder, William	do.	840.00	
Phillips, C. E.	do.	840.00	
Poff, Matt	do.	807.33	
Towers, C. W.	do.	840.00	
Vrooman, Minnie S.	do.	840.00	
Wanstall, Harriet A.	do.	835.33	
Williams, H. H.	do.	840.00	
Young, Wm. H.	do.	840.00	
Angelo, Frank M.	Skilled laborer, at \$780	520.00	
Jones, Vester S.		260.00	
Apperson, M. L.	do.	771.35	
Arnold, Mary D.	do.	780.00	
Barber, George T.	do.	775.68	
Emery, Mary E.	do.	780.00	
Gill, Aurelia B.	do.	780.00	
Hoey, Jennie G.	do.	780.00	
Lieutaud, Louise G.	do.	756.17	
Martin, Elmer L.	do.	780.00	
Mulverhill, Elizabeth	do.	780.00	
Reuter, Joseph N.	do.	780.00	
Roby, Hattie	do.	760.50	
Snyder, Frank	do.	754.00	
Turner, Amelia	do.	780.00	
Williams, Francis S.	do.	780.00	
Angelo, Frank M.	Skilled laborer, at \$720	180.00	
Robinson, Clarence A.	do.	382.00	
O'Neill, John J.	do.	60.00	
Augur, Laura	do.	720.00	
Bailey, Charles G. G.	do.	720.00	
Basehoar, Luther H.	do.	720.00	
Danforth, Laura V.	do.	720.00	
Fisher, Nellie R. G.	do.	690.00	
Ford, Frank M.	do.	20.00	
Mitchell, J. Howard	do.	684.00	
Freeman, Eli C.	do.	180.00	
Morrison, Rufus W.	do.	520.00	
Hausler, Chas. J.	do.	368.00	
Locke, Louisa K.	do.	268.00	
Kelley, M. C.	do.	390.00	
MacFate, Jos. W.	do.	300.00	
Laird, Emily A.	do.	720.00	
Lee, Augustus	do.	720.00	
Lewis, Ida J.	do.	720.00	
McNamara, Mary	do.	720.00	
McNerhany, Ida	do.	720.00	
Posey, Kate	do.	720.00	
Trudeau, E. L.	do.	720.00	
Walker, Knowles H.	do.	720.00	
Wilson, John J.	do.	720.00	
Walker, Knowles H.	do.	720.00	
Wilson, John J.	do.	720.00	
Deakins, W. F.	Messenger, at \$840	840.00	
Munro, James	do.	840.00	

## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Division of Publications, 1910, \$173,450"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Carter, Joseph C.	Messenger, at \$720	\$663.00	
Haardt, H. F.	do.	600.00	
McGrath, Gerald G.	do.	120.00	
Mee, Homer.	do.	720.00	
Moore, Laurence W.	do.	674.00	
Bailey, Wm. H.	Messenger, at \$600	206.67	
Cullinan, Thos. L.	do.	393.33	
Gordon, Charles N.	do.	250.00	
Higgins, Hugh.	do.	200.00	
Rousseau, George W.	do.	143.33	
Long, Michael.	do.	66.67	
Tomlin, Robert M.	do.	525.00	
Bailey, Wm. H.	Messenger, at \$480	314.67	
Rousseau, George W.	do.	165.33	
Cullinan, Thos. L.	do.	314.67	
Higgins, Hugh.	do.	140.00	
Berry, Roy E.	Messenger, at \$420	245.00	
Gordon, Charles N.	do.	44.33	
Louthan, John W.	do.	245.00	
McGill, George S.	do.	105.00	
Primm, Herbert W.	do.	19.83	
Wood, Francis D.	do.	57.00	
Altman, Irvin B.	Messenger, at \$360	142.00	
Bladen, Wilbur H.	do.	150.00	
McGill, George S.	do.	7.00	
Callahan, Morgan B.	do.	75.00	
Hundley, James C.	do.	246.00	
Kahlert, Ernest L.	do.	18.00	
Meyers, Charles F.	do.	60.00	
Angelo, Frank M.	Fireman, at \$720	660.00	
O'Neill, John J.	do.	660.00	
Schaney, Edward.	Laborer, at \$660	660.00	
Sinclair, H. T.	do.	660.00	
Contee, Clarence.	Laborer, at \$600	575.00	
Webster, Percival W.	do.	21.67	
Dyer, Hattie O.	Charwoman, at \$480	480.00	
Meredith, Elizabeth.	do.	480.00	
Ross, Lillian.	do.	480.00	
Bruce, Fannie E.	Charwoman, at \$240	64.66	
Hawkins, Helen.	do.	172.00	
Dickson, Cornelia.	do.	240.00	
Marshall, Rebecca.	do.	240.00	
Smith, Sadie R.	do.	240.00	
Total.		171,338.39	
Total amount of above appropriation			\$173,450.00
Total amount paid for salaries			171,338.39
Unexpended balance			2,111.61

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (rent in Washington), \$5,000."*

## EXPENDITURES OTHER THAN FOR SALARIES.

## RENT.

Wm. H. H. Allen & C. W. Ricketts. \$5,000.00



## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (labor-saving machinery, etc.), \$5,000."*

## EXPENDITURES OTHER THAN FOR SALARIES.

*Miscellaneous supplies, etc.*

American Multigraph Sales Co.....	\$777.04
Brownell, R. E.....	7.00
Elliott Co.....	3,987.96
Southern Printers Supply Co.....	115.00
Swayze, W. L.....	84.10
Total.....	4,971.10
Total amount of appropriation.....	\$5,000.00
Total expenditures under above groups.....	4,971.10
Unexpended balance on Aug. 31, 1910.....	28.90

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (stationery and materials), \$12,511.48." (Original subappropriation of \$11,500 increased by transfer of \$1,000 from miscellaneous expenses and \$11.48 from gas, electricity, etc.)*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Andrews Paper Co., R. P.....	\$0.42	United States Envelope Co.....	\$9,532.10
Ballantyne, R. Carter.....	14.48	Total.....	11,449.76
Carters Ink Co.....	5.30	<i>Miscellaneous supplies, etc.</i>	
Clarke, R. P.....	14.54	Clarke Co., R. P.....	14.54
Contingent expenses, Department of		Fowl, Julius.....	100.20
Agriculture.....	761.53	Gilman, Z. D.....	204.57
Kalamazoo Loose Leaf Binder Co.....	1.80	Muth & Co., Geo. F.....	9.60
Lamb & Tilden.....	1.20	Nawrath, J. P.....	332.81
Lindemeyer, Philip.....	1,027.20	Remington Typewriter Co.....	240.00
Mathers-Lamm Paper Co.....	14.43	Underwood Typewriter Co.....	160.00
Siebert, John F.....	24.00	Total.....	1,061.72
Stott & Co., Chas. G.....	1.92		
Swayze, W. L.....	34.45		
Tower, D. A.....	2.44		
Union Envelope Co.....	13.98		
Total amount of appropriation.....			
Total expenditures under above groups.....			

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (furniture and fixtures), \$1,000."*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Furniture.</i>	
Barber & Ross.....	\$1.92	Derby Desk Co.....	\$128.00
Bedell Manufacturing Co.....	23.81	House & Herrmann.....	23.78
Britting, F. C.....	3.00	Library Bureau.....	60.00
Contingent expenses, Department of		Moses & Sons, W. B.....	368.19
Agriculture.....	3.90	Shaw-Walker Co.....	305.06
Kahlert & Co., Albert.....	1.27	Woodward & Lothrop.....	3.62
Lansburgh & Bros.....	19.90	Yawman & Erbe Manufacturing Co.....	30.25
Rudolph & West Co.....	4.84	Total.....	918.90
Total.....	58.64		
Total amount of appropriation.....			
Total expenditures under above groups.....			
Unexpended balance on Aug. 31, 1910.....			

## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (photographic equipment), \$5,000."*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Adams-Bagnall Electric Co.....	\$113.60	Baker, Reid L.....	\$183.50
Andrews Paper Co., R. P.....	6.75	Bausch & Lomb Optical Co.....	39.75
Ballantyne, R. Carter.....	.94	Century Camera Division.....	7.65
Clarke Co., R. P.....	21.33	Columbia Photo Supply Co.....	361.38
Contingent expenses, Department of Agriculture.....	212.47	Eastman Kodak Co.....	2,139.29
Cooper Hewett Electric Co.....	12.00	Flemer, Lewis.....	246.67
Dulin & Martin Co.....	3.00	Folmer, Schwing Div. E. K. Co.....	10.70
Du Perow, M.....	9.60	Gilman, Z. D.....	47.09
Lansburgh & Bros.....	16.26	Kneger Co.....	160.00
Lindemeyer, Philip.....	3.15	Leese, M. A.....	313.20
Murphy Co. (Inc.), E. J.....	3.50	Lewis, J. L.....	1.62
Muth & Co., Geo. F.....	38.37	Luthin, R. H.....	66.80
National Carbon Co.....	4.30	Mackall Bros.....	35.27
National Electrical Supply Co.....	5.28	Pullman, E. J.....	102.28
Schmidt, Fred. A.....	104.16	St. Paul Film Rental Agency.....	3.00
Technical Supply Co.....	85.00	Sheetz, W. Silas.....	71.60
Woodward & Lothrop.....	18.00	Shoemaker & Busch.....	6.32
Total.....	657.71	Smith, G. W.....	4.60
<i>Apparatus, instruments, and laboratory material.</i>		Sussman Photo-Stock Co., J.....	72.46
Albemarle Paper Manufacturing Co...	24.00	Taylor-Hobson Co.....	353.48
		Torsion Balance Co.....	2.25
		Whitall-Tatum Co.....	19.35
		Total.....	4,272.26

Total amount of appropriation.....\$5,000.00  
Total expenditures under above groups.....4,929.97

Unexpended balance on Aug. 31, 1910.....70.03  
Outstanding liabilities (estimated).....1.00  
Balance to be turned back in Treasury (estimated).....69.03

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (gas, electricity, etc.), \$1,488.52." (Original subappropriation of \$1,500 decreased by transfer of \$11.48 to stationery and materials.)*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Express.</i>	
Contingent expenses, Department of Agriculture.....	\$328.07	Adams Express Co.....	\$8.97
Electric Goods Manufacturing Co.....	88.00	United States Express Co.....	9.50
Lamb & Tilden.....	7.00	Total.....	18.47
National Supply Co.....	5.00	<i>Telegraph.</i>	
Remington Typewriter Co.....	3.75	Western Union Telegraph Co.....	2.36
Robbins & Myers Co.....	119.20	<i>Telephone.</i>	
Roebing's Sons Co., John A.....	41.48	The Chesapeake & Potomac Telephone Co.....	122.61
Typewriter & Office Supply Co.....	10.70	<i>Gas and electricity.</i>	
Underwood Typewriter Co.....	19.70	Potomac Electric Power Co.....	401.37
Total.....	622.90	Washington Gas Light Co.....	21.96
<i>Freight.</i>		Total.....	423.33
Knox Express Co., Geo. W.....	.50		
Pennsylvania Ry. Co.....	26.45		
Total.....	26.95		

Total amount of appropriation.....\$1,488.52  
Total expenditures under above groups.....1,216.62

Unexpended balance on Aug. 31, 1910.....271.90  
Outstanding liabilities (estimated).....21.90  
Balance to be turned back in Treasury (estimated).....250.00

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (wagons, horses, etc.), \$1,975." (Original subappropriation of \$1,000 increased by transfer of \$75 from miscellaneous expenses.)

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Armour & Co. ....	\$8.50	New York Cycle Co. ....	\$90.00
Barker & Kelly. ....	38.75	Pillsbury, H. P. ....	3.00
Beckers Leather Goods Co. ....	51.85	Probey Carriage Co. ....	125.00
Contingent expenses, Department of		Rudolph & West Co. ....	.25
Agriculture. ....	2.43	Schlegel, H. F. ....	240.00
Gilman, Z. D. ....	1.20	Schondan & Lynch. ....	4.75
Hartig, Louis. ....	.84	Seamark, Harry F. ....	17.20
Heiskell & Co., P. H., Jr. ....	27.76	Simmons, John. ....	230.00
Houck, S. D. ....	10.00		
McReynolds & Sons, R. ....	6.00	Total. ....	998.53
Meeks' Sons, S. J. ....	141.00		

Total amount of appropriation ..... \$1,075.00  
 Total expenditures under above groups ..... 998.53

Unexpended balance on Aug. 31, 1910. .... 76.47

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Division of Publications, 1910 (miscellaneous expenses), \$1,925." (Original subappropriation of \$3,000 decreased by transfer of \$1,000 to stationery and materials and \$75 to wagons, horses, etc.)

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Barber & Ross. ....	\$6.34	Murphy Co. (Inc.), E. J. ....	\$4.50
Brownell, R. E. ....	5.40	Muth & Co., Geo. F. ....	3.38
Burton, R. C. M. ....	85.75	Nawrath, J. P. ....	85.31
Consolidated Sales Co. ....	39.00	Norris-Peters Co. ....	1.50
Contingent expenses, Department of		North Star Ash Can Co. ....	6.70
Agriculture. ....	749.53	Potomac Electrotype Foundry. ....	14.64
Dick Co., A. B. ....	28.60	Rudolph & West Co. ....	14.40
Dulin & Martin Co. ....	2.10	Thompson, C. W. ....	21.50
Espey, John B. ....	4.07	Underwood Typewriter Co. ....	3.00
Fowl, Julius. ....	31.50	Veitch, R. A. ....	3.00
Grubb, E. H. ....	200.00	Washington Rubber Co. ....	1.50
Harris & Shafer Co. ....	1.60	Woodward & Lothrop. ....	12.70
Johnson, A. P. ....	.49		
Joyce Engraving Co., The Maurice. ....	18.16	Total. ....	1,424.66
Lamb & Tilden. ....	.50		
Lambie Co. (Inc.), James B. ....	6.88		
Mathers-Lamm Paper Co. ....	54.72	<i>Travel and station and field expenses.</i>	
McKee Surgical Instrument Co. ....	5.00		
Mackali Bros. ....	.49	Williams, L. S. ....	103.42
Muddiman & Co., C. A. ....	12.40		

Total amount of appropriation ..... \$1,925.00  
 Total expenditures under above groups ..... 1,528.08

Unexpended balance on Aug. 31, 1910. .... 396.92

Outstanding liabilities (estimated). .... 96.92

Balance to be turned back in Treasury (estimated). .... 300.00



## DIVISION OF PUBLICATIONS—Continued.

## RECAPITULATION.

Statutory salaries.....	\$171,338.39
Stationery.....	11,449.76
Miscellaneous supplies and services, equipment, books, machinery, etc.....	9,795.26
Furniture.....	918.90
Freight.....	26.95
Express.....	18.47
Telegraph.....	2.36
Telephone.....	122.61
Rent.....	5,000.00
Gas and electricity.....	423.33
Apparatus, instruments, and laboratory material.....	4,272.26
Travel and station and field expenses.....	103.42
Total for entire Division of Publications.....	203,471.71
Total amount of appropriations.....	206,450.00
Total expenditures under above groups.....	203,471.71
Unexpended balance on Aug. 31, 1910.....	2,978.29
Outstanding liabilities (estimated).....	119.82
Balance to be returned to Treasury (estimated).....	2,858.47

## PROJECTS.

The principal projects conducted by the Division of Publications during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

NOTE.—The function of the Division of Publications is to supervise the publication work of the department. This work does not vary in character from year to year, but the amount increases with the growth of the department. Such appropriations as may be necessary should be made for the division in order that it may be equipped to perform promptly and efficiently the duties devolving upon it.

The division is charged with the preparation and editing of all manuscripts submitted for publication by the department, including the Yearbook, annual reports, bulletins, etc.; preparation, printing and distribution of farmers' bulletins; supervision of printing and binding; preparation of drawings, wood engravings, photographic work of all kinds; necessary indexing; distribution of department publications, and the preparation and distribution of official information and advance notices of publications and features of the work of the department that may be of interest to agricultural writers and papers.

The appropriation for the fiscal year 1910 was expended for salaries, rent, necessary furniture, and for supplies in connection with the editorial work, indexing, photographic and drafting work, and the distribution of documents.

## BUREAU OF STATISTICS.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Bureau of Statistics, 1910, \$103,860."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Olmsted, Victor H.....	Statistician and chief of bureau, at \$3,500.....	\$3,500.00	\$634.82
Murray, Nat C.....	Assistant statistician, at \$2,500.....	2,500.00	218.02
Jones, S. A.....	Chief clerk, at \$1,800.....	1,800.00	
Andrews, Frank.....	Clerk, class 4.....	1,285.00	253.20
McKenna, R. T.....		515.00	
Covert, J. R.....	do.....	1,800.00	
Ferguson, Geo. R.....	do.....	1,800.00	
Graham, H. C.....	do.....	1,800.00	
Smith, R. E.....	do.....	1,800.00	
Thompson, E. S.....	do.....	1,800.00	
Blodgett, James H.....	Clerk, class 3.....	1,600.00	
Fansler, O. N.....	do.....	311.11	
Smedes, H. R.....	do.....	1,284.44	
Hammargren, E. L.....	do.....	1,600.00	
Houser, A. M.....	do.....	1,200.00	
Leith, C. A.....	do.....	1,600.00	
McKenna, R. T.....	do.....	1,142.22	
Pepper, J. G.....	do.....	457.78	
Schaake, J. J.....	do.....	200.01	
Stone, Israel W.....	do.....	1,400.00	
Smith, Middleton.....	do.....	1,600.00	
Stier, D. W.....	do.....	1,600.00	
Blanford, Lillian B.....	Clerk, class 2.....	1,400.00	
Cooney, F. C.....	do.....	1,372.77	
Fansler, O. N.....	do.....	400.56	
Pepper, J. G.....	do.....	605.55	
Fletcher, C. P.....	do.....	1,400.00	
Latham, E. G.....	do.....	1,400.00	
O'Donoghue, C.....	do.....	1,353.33	
Painter, J. I.....	do.....	1,400.00	
Peabody, John.....	do.....	175.00	
Schaake, J. J.....	do.....	1,224.99	
Quinn, Eva H.....	do.....	1,400.00	
Safford, M. F.....	do.....	1,400.00	
Schmidt, Flora.....	do.....	1,400.00	
Shanahan, M. E.....	do.....	1,400.00	
Lee, W. D.....	Clerk, at \$1,300.....	1,253.05	
Wright, A. M.....	do.....	1,253.06	
Adams, S. G.....	Clerk, class 1.....	1,200.00	
Barnes, Almont.....	do.....	1,133.34	
Blanford, E. M.....	do.....	150.00	
Peabody, John.....	do.....	1,050.00	
Bowie, M. S.....	do.....	1,200.00	
Clark, E. L.....	do.....	420.00	
Fisher, Gertrude.....	do.....	620.00	
Lundy, Bruner E.....	do.....	100.00	
Elliott, Perry.....	do.....	1,200.00	
Fansler, O. N.....	do.....	623.34	
Merritt, Eugene.....	do.....	326.67	
Finckel, C. B.....	do.....	1,200.00	
Lancaster, C. M.....	do.....	1,193.34	
Love, A. H.....	do.....	1,163.34	
Peirce, M. R.....	do.....	1,200.00	
Peters, E. T.....	do.....	1,183.33	
Phillips, Nettie.....	do.....	1,173.33	
Skinner, Sara.....	do.....	1,200.00	
Walden, Celena.....	do.....	1,200.00	
Woodward, E. G.....	do.....	1,200.00	
Andersen, Charles.....	Clerk, at \$1,000.....	1,000.00	
Blanford, E. M.....	do.....	875.00	
Collins, Flora F.....	do.....	125.01	
Bostwick, H. M.....	do.....	1,000.00	
Connor, Rose L.....	do.....	986.12	
Fisher, Gertrude.....	do.....	358.33	
Sartor, L. E.....	do.....	641.67	
Gray, Helen E.....	do.....	305.56	
Tracy, Sarah V.....	do.....	613.90	
Ingram, M. M.....	do.....	997.22	
King, Wm. M.....	do.....	998.61	
Michaels, Manly M.....	do.....	1,000.00	
Wharton, V. K.....	do.....	1,000.00	

## BUREAU OF STATISTICS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Bureau of Statistics, 1910, \$103,860"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Ballard, N. P.	Clerk, at \$900	\$860.00	
Cannon, S. P.		375.00	
Collins, Flora P.	do.	412.50	
Raymond, M. J.	do.	112.50	
Cavanagh, J. L.	do.	900.00	
Claycomb, C. C.	do.	900.00	
Lederer, Birdie B.	do.	577.50	
Sartor, L. E.	do.	322.50	
Wood, M. L.	do.	900.00	
Bell, Florence.		175.00	
Miner, C. C.	Clerk, at \$840	630.00	
Collins, Flora P.		350.00	
Phillips, Emma B.	do.	490.00	
Greene, Fred B.		105.00	
Raymond, M. J.		735.00	
Lederer, Birdie B.	do.	301.00	
Pray, Lloyd.	do.	539.90	
Noah, Esther.	do.	836.50	
Alexander, S. C.	Clerk, at \$720	720.00	
Burns, Gertrude J.		58.00	
Davenport, Mrs. Nell N.	do.	450.00	
Miner, C. C.		180.00	
Burns, Gertrude J.		124.00	
Helmick, Louise	do.	146.00	
Woolf, Wm. H., jr.		156.00	
Campbell, William S.	do.	720.00	
Eaton, C. E.	do.	720.00	
Eldridge, Joseph E.	do.	420.00	
Phillips, Emma B.		300.00	
Foster, M. Adelaide.	do.	720.00	
Gallenne, Isabelle J.	do.	720.00	
Greene, Fred B.	do.	630.00	
Smith, Alice E.		90.00	
Marscher, J. C., jr.	do.	452.00	
Pray, Lloyd.		258.00	
Brent, N. W.	Messenger, at \$840	693.00	
Wharton, J. J.	do.	840.00	
Kiefer, Clarence M.	Messenger, at \$660	414.33	
Marscher, J. C., jr.		245.67	
Kiefer, Clarence M.	Messenger, at \$480	178.67	
Louthan, John W.		40.00	
Beckman, G. E.	Laborer, at \$720	720.00	
Keen, Jefferson.	Laborer, at \$660	561.00	
Dietz, Christine.	Charwoman, at \$540	540.00	
Lee, B. E.		30.00	
West, Emma M.	Charwoman, at \$360	324.00	
Tinney, Virginia	do.	360.00	
Total		101,794.15	

Total amount of above appropriation	\$103,860.00
Total amount paid for salaries	101,794.15
Unexpended balance	2,065.85



## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (administrative expenses)," \$23,360. (Original subappropriation of \$25,860 decreased by transfer of \$2,500 to State statistical agents.)

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Holmes, G. K.	Statistical scientist, at \$3,000	\$3,000.00	\$825.96
Andrews, Frank	Statistical scientist, at \$2,000	572.22	
Rutter, F. R.	do.	1,427.77	30.00
Daugherty, C. M.	Chief editorial division, at \$2,500	2,500.00	
Blair, F. J.	Chief domestic crop report, at \$1,800 and \$2,000	1,882.23	
Frick, Louis H.	Plumber, at \$4 per diem	532.00	
Stockton, Mary L.	Charwoman, at \$30 per month	74.00	
Talbott, Mary A.	Charwoman, at \$300	29.00	
Kletsch, Ernest	Messenger, at \$720	120.00	
Louthan, John W.	Messenger boy, at \$480	240.00	
Total		10,377.22	

## EXPENDITURES OTHER THAN FOR SALARIES.

Names.	Amount.	Names.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Type Founders Co.	\$7.40	Contingent expenses, Department of Agriculture	\$526.01
Andrews Paper Co., R. P.	230.57	Dalton Adding Machine Co.	270.00
Ballantyne, R. Carter	20.76	Dulin & Martin Co.	1.75
Clarke Co., R. P.	30.00	Edwards & Zanner Co.	16.00
Contingent expenses, Department of Agriculture	539.82	Elliott Co.	310.81
Dushane & Co., John A.	144.50	Espey, John B.	8.88
Gaylord Bros.	35.68	Gallihier & Bro. (Inc.), W. T.	8.98
Lamb & Tilden	29.40	Gilman, Z. D.	5.95
Library Bureau	19.00	Graham Co., Andrew B.	9.60
Lincoln, Fred S.	34.00	Grammes & Sons, L. F.	438.00
Lindemeyer, Philip	26.00	Hammond Typewriter Co.	16.50
Mathers-Lamm Paper Co.	27.52	Harris & Co., R.	6.00
Perry Co., Chas. E.	7.25	Hartig, Louis	6.05
Pitcher, E. H.	.84	Haverford Cycle Co.	4.65
Schmidt, Fred A.	241.16	Hines, E. G.	4.00
Shaw-Walker Co.	41.65	Johnson, C. C.	1.00
Siebert, John F.	7.20	Joyce Engraving Co., The Maurice	14.88
Stott & Co., Chas. G.	19.00	Kerr, S. Bartlett	.50
Swayze, W. L.	262.03	Killian Co., Geo. P.	25.90
Typewriter & Office Supply Co.	19.26	Lambie Co. (Inc.), James B.	1.93
Underwood Typewriter Co.	1.50	Lansburgh & Bros.	3.57
Union Envelope Co.	1,523.10	Monarch Typewriter Co.	104.75
United States Envelope Co.	956.57	Morschkauser, W. A.	3.55
United States Paper Goods Co.	840.00	Munson Supply Co.	25.20
Valley Paper Co.	462.60	Murphy Co. (Inc.), E. J.	1.04
Yawman & Erbe Manufacturing Co.	5.70	Muth & Co., Geo. F.	7.84
Total	5,532.51	National Supply Co.	4.00
<i>Miscellaneous supplies, etc.</i>		New York Cycle Co.	4.00
American Multigraph Sales Co.	1,045.13	Norris Peters Co.	27.00
American Type Founders Co.	4.26	Postmaster	264.50
Ballard, H. H.	35.00	Post Office Department	7.20
Barber & Ross	13.58	Rand, McNally & Co.	20.00
Bedell Manufacturing Co.	13.76	Remington Typewriter Co.	176.55
Berger, Geo. P.	17.00	Robbins & Myers Co.	84.20
Bright & McGill	1.00	Rudolph & West Co.	6.77
Britting, F. C.	6.00	Shoemaker & Busch	12.62
Burroughs Adding Machine Co.	3.24	Simplex Manufacturing Co.	\$2.00
Bushnell Co., Alvah	23.55	Smith Premier Typewriter Co.	28.95
Clarke Co., R. P.	10.00	Spelshouse, W. H.	3.80
Consolidated Sales Co.	13.00	Standard Engineering Co.	40.00
		Topham, James S.	63.00
		Underwood Typewriter Co.	263.45
		U. S. Frame & Picture Co.	1.80

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (administrative expenses)," \$23,360. (Original subappropriation of \$25,860 decreased by transfer of \$2,500 to State statistical agents)—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight—Continued.</i>	
Weschler, Adam A.....	\$7.50	Morgan's Louisiana & Texas R. R. & S. S. Co.....	\$4.29
Western Typewriter Co.....	7.50	New York Central & Hudson River R. R.....	.96
Woodward & Lothrop.....	20.46	Norfolk & Western Ry.....	1.07
Woolf & Co., C. M.....	11.50	Northern Pacific Ry.....	4.74
Total.....	4,065.66	Southern Pacific Co.....	2.08
<i>Furniture.</i>		Southern Ry.....	8.88
Derby Desk Co.....	76.50	Southern Ry. Co. in Mississippi.....	3.25
Lansburgh Furniture and Carpet Co., Julius.....	11.22	Star Union Line.....	2.65
Library Bureau.....	215.66	Union Pacific R. R.....	2.94
Lincoln, Fred S.....	158.40	Western Ry. of Alabama.....	2.64
Moses & Sons, W. B.....	159.96	Total.....	81.18
Typewriter & Office Supply Co.....	46.50	<i>Express.</i>	
Woodward & Lothrop.....	10.74	Adams Express Co.....	11.33
Yawman & Erbe Manufacturing Co.....	56.00	United States Express Co.....	8.42
Total.....	734.98	Total.....	19.75
<i>Freight.</i>		<i>Telegraph.</i>	
Atchison, Topeka & Santa Fe Ry. Co.....	5.27	Postal Telegraph-Cable Co.....	14.63
Atlantic Coast Line R. R.....	3.23	Western Union Telegraph Co.....	345.23
Chesapeake & Ohio Ry.....	.72	Total.....	359.86
Chicago, Burlington & Quincy.....	3.82	<i>Telephone.</i>	
Chicago Great Western Ry. Co.....	3.15	Chesapeake & Potomac Telephone Co., The.....	39.42
Chicago, Milwaukee & St. Paul Ry. Co.....	5.42	<i>Apparatus, instruments, and laboratory material.</i>	
Chicago & Northwestern Ry. Co.....	2.52	Eastman Kodak Co.....	14.65
Denver & Rio Grande R. R. Co.....	6.45		
Grand Trunk Ry. of Canada.....	1.24		
Illinois Central.....	1.80		
International & Great Northern R. R.....	6.50		
Kansas City Southern Ry.....	3.55		
Montana R. R. Co.....	4.01		
Total amount of appropriation.....			\$23,360.00
Total expenditures under above groups.....			21,225.23
Unexpended balance on Aug. 31, 1910.....			2,134.77
Outstanding liabilities (estimated).....			1,349.54
Balance to be turned back in Treasury (estimated).....			785.23

## BUREAU OF STATISTICS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (special field agents), \$56,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Fessenden, S. D.	Special field agent, at \$2,250	\$2,250.00	\$1,543.53
Johnson, H. H.	Special field agent, at \$2,000	2,000.00	1,362.29
Pryor, W. L.	do.	2,000.00	1,422.65
Rhoads, Halsey M.	do.	2,000.00	1,061.35
Rickards, J. E.	do.	2,000.00	678.35
White, B. C.	do.	2,000.00	1,843.73
Bradford, H. T.	Special field agent, at \$1,800	1,800.00	1,233.76
Darg, Jno. J.	do.	1,800.00	1,335.24
Gray, F. N.	do.	1,800.00	1,182.05
Hitt, A. F.	do.	1,800.00	1,475.97
Shaw, T. C.	do.	1,800.00	1,480.66
Gist, F. W.	Special field agent, at \$1,600	1,599.98	1,023.46
Killebrew, J. P.	do.	1,600.00	1,365.10
Pinney, Frank S.	do.	1,600.00	1,719.61
Richardson, John W.	do.	1,600.00	1,012.27
Kirk, Paul H.	Special field agent, at \$1,400	1,353.33	982.49
Evans, De Lancey.	Special field agent, at \$1,200	1,200.00	1,268.54
Total		30,203.31	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station, etc.—Continued.</i>	
Bradford, H. T.	\$1,233.76	Kirk, Paul H.	\$982.49
Chynoweth, H. E.	4.56	Pinney, F. S.	1,719.61
Darg, Jno. J.	1,335.24	Pryor, W. L.	1,422.65
Evans, De Lancey.	1,268.54	Rhoads, Halsey M.	1,061.35
Fessenden, S. D.	1,543.53	Richardson, J. W.	1,012.27
Gist, F. W.	1,023.46	Rickards, J. E.	678.35
Gray, F. N.	1,182.05	Shaw, T. C.	1,480.76
Hitt, A. F.	1,475.97	White, B. C.	1,843.73
Johnson, H. H.	1,362.29		
Killebrew, J. P.	1,365.10	Total	21,995.71

Total amount of appropriation	\$56,000.00
Total expenditures under above groups	52,199.02
Unexpended balance on Aug. 31, 1910	3,800.98
Repayments to credit of appropriation	88.61
Net unexpended balance	3,889.59
Outstanding liabilities (estimated)	2,522.01
Balance to be turned back in Treasury (estimated)	1,367.58



## BUREAU OF STATISTICS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (State statistical agents), \$32,700," (original subappropriation of \$30,200 increased by transfer of \$2,500 from administrative expenses).*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Johnson, Jefferson	State statistical agent, at \$1,100	\$1,100.00	\$245.80
Anderson, Thomas J.	State statistical agent, at \$900	900.00	275.38
Cownie, John	do.	900.00	173.70
Duncan, W. C.	do.	900.00	113.21
Harwood, Sarah K.	do.	900.00	154.10
Boardman, Chas. K.	State statistical agent, at \$800	800.00	
Dawley, Frank E.	do.	800.00	18.97
McCall, Arthur G.	do.	800.00	95.50
Moulton, Levi T.	do.	800.00	285.51
Northern, Wm. J.	do.	800.00	112.91
Rogers, Plum A.	do.	800.00	60.00
Whitmore, Wm. Gunn.	do.	800.00	60.18
Leguenece, J. R.	State statistical agent, at \$720	720.00	131.15
Merriman, Geo. L.	State statistical agent, at \$700	700.00	67.51
Morse, Charles H.	do.	700.00	165.77
Shepperd, John H.	do.	700.00	
Chynoworth, Herbert E.	State statistical agent, at \$600	660.00	107.06
Hare, C. L.	State statistical agent, at \$650	650.00	163.22
Shaw, P. W.	do.	650.00	69.18
Allen, Charles W.	State statistical agent, at \$600	600.00	196.63
Corley, Jacob J.	do.	600.00	102.45
DesGranges, H. W.	do.	600.00	
Lundy, Elmer J.	do.	600.00	137.20
Moore, Shade	do.	600.00	113.45
Roberts, George	do.	600.00	
Thomas, Robert H., jr.	do.	600.00	
Withers, Wm. A.	do.	600.00	162.30
Stewart, Robert A.	State statistical agent, at \$550	550.00	25.00
Grubb, Eugene H.	State statistical agent, at \$500	250.00	
Grubb, Max.	do.	250.00	
Hayden, James A.	do.	500.00	37.24
Kent, F. L.	do.	500.00	100.05
Perry, George W.	do.	500.00	155.05
Tatlock, E. W.	do.	500.00	94.05
Yaeger, Harry	do.	500.00	54.81
Matthews, Robt. S.	Statistical agent, at \$360	360.00	103.15
Morton, Daniel E.	do.	360.00	
Cox, John T.	State statistical agent, at \$350	350.00	
Adams, George E.	State statistical agent, at \$300	300.00	
Gold, Charles L.	do.	300.00	
Howe, Elmer D.	do.	300.00	
Hutchinson, Emri C.	do.	300.00	
Rosa, John J.	do.	300.00	
Vail, Homer W.	do.	300.00	
Wiggin, Edward	do.	300.00	
Total		26,000.00	

## BUREAU OF STATISTICS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (State statistical agents), \$32,700," (original subappropriation of \$30,200 increased by transfer of \$2,500 from administrative expenses)—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Allen, Chas. W. ....	\$196.63	Merriman, G. L. ....	\$67.51
Anderson, T. J. ....	275.38	Moore, Shade. ....	113.45
Chynoweth, H. E. ....	102.50	Morse, Chas. H. ....	165.77
Corley, J. J. ....	102.45	Moulton, L. T. ....	285.51
Cownie, John. ....	173.70	Northern, W. J. ....	112.91
Dawley, F. E. ....	18.97	Perry, Geo. W. ....	155.05
Duncan, W. C. ....	113.21	Rogers, Plum A. ....	60.00
Hare, C. L. ....	163.22	Shaw, P. W. ....	69.18
Harwood, S. K. ....	154.10	Stewart, R. A. ....	25.00
Hayden, James A. ....	37.24	Tatlock, E. W. ....	94.05
Johnson, Jefferson. ....	245.80	Whitmore, W. G. ....	60.18
Kent, F. L. ....	100.05	Withers, W. A. ....	162.30
Leguessec, J. R. ....	131.15	Yaeger, Harry. ....	54.81
Lundy, Elmer J. ....	137.20		
McCall, A. G. ....	95.50		
Matthews, R. S. ....	103.15	Total. ....	3,575.97

Total amount of appropriation. ....	\$32,700.00
Total expenditures under above groups. ....	30,175.97
Unexpended balance on Aug. 31, 1910. ....	2,524.03
Outstanding liabilities (estimated). ....	503.55
Balance to be turned back in Treasury (estimated). ....	2,020.48

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (special investigations), \$2,500."*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Andrews, Frank. ....	\$253.20	Rutter, Frank R. ....	\$30.00
Holmes, Geo. K. ....	825.96		
Murray, Nat C. ....	218.02	Total. ....	1,962.00
Olmsted, Victor H. ....	634.82		

Total amount of appropriation. ....	\$2,500.00
Total expenditures under above groups. ....	1,962.00
Unexpended balance on Aug. 31, 1910. ....	538.00
Outstanding liabilities (estimated). ....	228.79
Balance to be turned back in Treasury (estimated). ....	309.21

## BUREAU OF STATISTICS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Bureau of Statistics, 1910 (cost production farm products), \$2,500."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Brandt, Henry P.....	Special agent, at \$40 per month.....	\$413.33	.....
Bredvold, August J.....	do.....	60.00	.....
Cooper, Thomas P.....	do.....	480.00	\$98.45
Frear, D. W.....	do.....	40.00	.....
Gore, John E.....	do.....	413.33	.....
Hagerman, Wm. F.....	do.....	26.67	.....
Lindeman, Otto.....	do.....	120.00	.....
Matthews, Chas. A.....	do.....	360.00	.....
Andrew, James C.....	Special agent, at \$20 per month.....	20.00	.....
Arneson, Martin.....	do.....	20.00	.....
Clifford, John E.....	do.....	20.00	.....
Ehlers, Fred C. H.....	do.....	20.00	.....
Festler, I.....	do.....	20.00	.....
Freese, Arthur.....	do.....	20.00	.....
Hibbard, Fred C.....	do.....	20.00	.....
Holden, William H.....	do.....	20.00	.....
Holte, Henry O.....	do.....	20.00	.....
Houske, L. L.....	do.....	20.00	.....
Lyman, George D.....	do.....	20.00	.....
Middleton, Charles H.....	do.....	20.00	.....
Miller, George.....	do.....	20.00	.....
Nichols, Charles O.....	do.....	20.00	.....
Pederson, Lawrence W.....	do.....	20.00	.....
Reese, Boyd T.....	do.....	20.00	.....
Robinson, Homer N.....	do.....	20.00	.....
Schroeder, E. H. F.....	do.....	20.00	.....
Stevens, Edward T.....	do.....	20.00	.....
Sulernd, John.....	do.....	20.00	.....
Taylor, George.....	do.....	20.00	.....
Total.....	.....	2,333.33	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

*Travel and station and field expenses.*

Cooper, Thomas P.....	\$98.45
Total amount of appropriation.....	2,500.00
Total expenditures under above groups.....	2,431.78
Unexpended balance on Aug. 31, 1910.....	68.22
Outstanding liabilities (estimated).....	20.00
Balance to be turned back in Treasury (estimated).....	48.22

## RECAPITULATION.

Statutory salaries.....	\$101,794.15
Lump-fund salaries:	
In Washington.....	10,377.22
Outside of Washington.....	59,136.64
Stationery.....	5,532.51
Miscellaneous supplies and services, equipment, books, machinery, etc.....	4,065.66
Furniture.....	734.98
Freight.....	81.18
Express.....	19.75
Telegraph.....	359.86
Telephone.....	39.42
Apparatus, instruments, and laboratory material.....	14.65
Travel and station and field expenses.....	27,632.13
Total for entire Bureau of Statistics.....	209,788.15
Total amount of appropriations.....	220,920.00
Total expenditures under above groups.....	209,788.15
Unexpended balance on Aug. 31, 1910.....	11,131.85
Repayments to credit of appropriations.....	88.61
Net unexpended balance.....	11,220.46
Outstanding liabilities (estimated).....	4,623.89
Balance to be returned to Treasury (estimated).....	6,596.57



## BUREAU OF STATISTICS—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Statistics during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

## Bulletins and circulars:

No. 51. Foreign trade of the United States in forest products.....	\$280. 84
Nos. 56-63. Corn, wheat, oat, barley, rye, buckwheat, potato, and hay crops of the United States, 1866-1906 (revision).....	770. 86
No. 70. Imports of farm and forest products, 1905-1907, by countries from which consigned.....	25. 96
No. 74. Imports of farm products into the United States, 1851-1908..	485. 20
No. 75. Exports of farm products from the United States, 1851-1908..	386. 71
No. 76. Imports of farm and forest products, 1906-1908, by countries from which consigned.....	66. 35
No. 77. Exports of farm and forest products, 1906-1908, by countries to which consigned.....	305. 78
No. 78. Agricultural graphics.....	269. 15
No. 79. The world production, trade and consumption of coffee.....	1, 949. 85
No. 80. The world production, distribution and consumption of coconuts and their products.....	1, 094. 13
No. 81. Grain movement in the Great Lakes region (in press) .....	3, 524. 30
No. 82. Imports of farm and forest products, 1907-1909, by countries from which consigned.....	720. 93
No. 83. Exports of farm and forest products, 1907-1909, by countries from which consigned (in press).....	720. 93
Balkan agriculture.....	1, 739. 63
Chronology of United States agriculture (unpublished).....	33. 70
Crop movement and transportation facilities of the Pacific coast (unpublished).....	1, 223. 36
Dates of planting and maturity of crops in the United States and foreign countries (unpublished).....	4, 675. 55
Transportation of farm products on inland waterways (unpublished).	40. 67
Farm wages (unpublished).....	2, 125. 82
Circular No. 18. Tobacco districts and types.....	12. 72
Cooperative work with Minnesota Experiment Station concerning cost of producing farm products.....	2, 451. 78
Crop reports.....	146, 756. 21
Crop Reporter.....	2, 089. 22
Library (Bureau).....	6, 564. 04
Special inquiries.....	9, 080. 24
Special investigations.....	16, 047. 20
Work for other bureaus.....	3, 804. 29
Yearbook of department, and statistical appendix.....	7, 077. 92
Total.....	214, 323. 43

## LIBRARY, DEPARTMENT OF AGRICULTURE.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Salaries, Library, Department of Agriculture, 1910, \$19,320."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Barnett, C. R.	Librarian, at \$2,000.	\$1,999.99	\$45.35
Hawks, E. B.	Assistant librarian, at \$1,400.	1,399.99	20.78
Knapp, A. R.	Clerk, class 1.	1,200.00	
Upton, G. E.	do.	1,200.00	
Sewall, Harriet W.	Cataloguer, at \$1,200.	96.66	
Sewall, M. L.		1,100.00	
Thompson, H. M.	do.	1,200.00	
Leonard, Mabel.	Cataloguer, at \$1,000.	208.33	
Warren, Mary W.		791.67	
Thompson, M. F.	do.	1,000.00	
Upton, K. G.	do.	1,000.00	
Crowther, Mary.	Clerk, at \$1,000.	41.67	
Parker, Fanny L.		958.33	
Crowther, Mary.	do.	80.56	
Rynex, M. L.	do.	166.66	
Sewall, Harriet W.	Clerk, at \$900.	752.79	
Allen, Mary E.		100.00	
Brashears, M. L.	do.	412.50	
Phipps, Gertrude E.	do.	227.50	
Warren, Mary W.	do.	160.00	
Crowther, Mary.	do.	790.00	
Stanley, Harriet H.	do.	37.50	
Lacy, Mary G.	do.	150.00	
Sherwood, Elizabeth J.	do.	750.00	
Olcott, Ella M.	do.	750.00	
Sewall, Harriet W.	do.	150.00	
McBryde, Ellen D.	do.	42.00	
Olcott, Ella M.	do.	140.00	
Selecman, C. M. R.	Clerk, at \$840.	420.00	
Smith, E. E.	do.	175.00	
Swartwout, J. E.	do.	28.00	
Smith, Moses.	Messenger, at \$720.	720.00	
Fisher, Theodore.	Messenger, at \$480.	160.00	
Sheehan, Frank J.		320.00	
Mozee, Willena.	Charwoman, at \$480.	480.00	
Total.		19,209.15	

Total amount of above appropriation..... \$19,320.00

Total amount paid for salaries..... 19,209.15

Unexpended balance..... 110.85

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Library, Department of Agriculture, 1910, \$16,500."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Lacy, M. G.	Clerk, at \$840.	\$25.67	
Allen, Mary E.	Clerk, at \$720.	128.00	
Swartwout, J. E.	do.	56.00	
Phipps, Gertrude E.	Clerk, at \$60 per month.	28.00	
McBryde, Ellen D.	Clerk, at \$600.	45.00	
Sheehan, Frank J.	Messenger, at \$480 and at \$600.	185.00	
Corrick, Wm. J.	Messenger, at \$420.	87.50	
Hanford, John G.	do.	87.50	
Lusby, Jack C.	Messenger boy, at \$420.	143.50	
Fisher, Theodore.	Messenger, at \$360.	90.00	
Whalen, A. E.	Charwoman, at \$480.	46.67	
Holmes, Sarah E.	Charwoman, at \$240.	20.00	
Total.		942.84	

## LIBRARY, DEPARTMENT OF AGRICULTURE—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Library, Department of Agriculture, 1910, \$16,500"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ballantyne, R. Carter.....	\$1.02	Gray Herbarium of Harvard University.....	\$105.92
Barrett Bindery Co.....	4.80	Greiner, Friedmann.....	25.00
Gaylord Bros.....	5.50	Hamersly & Co., L. R.....	10.00
Gray Herbarium of Harvard University.....	35.25	Hammond Typewriter Co. (Washington branch).....	6.00
Kalamazoo Loose Leaf Binder Co.....	197.70	Harper & Bros.....	.50
Library Bureau.....	73.00	Hartig, Louis.....	.21
Matthews & Co., Jas. H.....	4.50	Heller, A. A.....	1.00
Morrison Paper Co., E.....	1.60	Hendricks Co., S. E.....	8.00
Multum in Parvo Binder Co.....	4.80	Howe, Jr., R. Heber.....	6.25
Pitcher, E. H.....	3.35	International Who's Who Publishing Co.....	5.00
Swayze, W. L.....	132.00	Johnston, A. F.....	60.00
Torrey Botanical Club.....	10.25	Junk, W.....	26.32
Total.....	473.77	Kerremans, Ch.....	10.61
<i>Miscellaneous supplies, etc.</i>		Klincksieck, P. Pou Vve. Paul.....	133.60
Academy of Natural Sciences of Philadelphia.....	2.50	Krum, Herbert J.....	2.50
American Asiatic Publishing Co.....	2.00	Lamble Co. (Inc.), James B.....	1.73
American Electrochemical Society.....	30.60	Lawyers Cooperative Publishing Co.....	24.00
American Florist Co.....	12.00	Lea & Febiger.....	6.00
American Institute of Chemical Engineers.....	4.80	Lemcke & Buechner.....	653.28
American Law Book Co.....	29.10	Leveille, H.....	9.80
American Multigraph Sales Co.....	304.50	Libbie & Co., C. F.....	3.00
American School of Correspondence.....	8.82	List & Francke.....	2.70
American Society for Testing Materials.....	15.00	Lord & Nagle Co.....	3.50
Anderson & Co., Danvers.....	7.50	Lowdermilk & Co., W. H.....	447.48
Angus Co., Bit and Spur.....	1.75	Lunenburg's Sortiment & Antiquariat, H.....	114.53
Appleton & Co., D.....	17.10	Mackensen, Bernard.....	.40
Arnold Arboretum.....	337.00	MacMillan Co.....	15.00
Auffarth, F. B.....	1.90	Mallett, D. T.....	1.00
Ballantyne & Sons, Wm.....	827.18	Maruzen-Kabushoki-Kaiski.....	17.05
Ballard, Harlan H.....	2.00	Moody Manual Co.....	10.00
Barnes, R. M.....	17.75	Moore, W. H.....	563.90
Bartels & Co., Howard.....	5.00	Munn & Co.....	7.00
Basler Buch- und Antiquariatshandlung.....	23.50	Munson Supply Co.....	17.10
Becker's Leather Goods Co.....	9.50	National Coopers' Journal.....	2.00
Beissner, L.....	4.26	National Lumber Manufacturers' Credit Corporation.....	15.00
Baltimore Forest School.....	1.50	New York Botanical Garden.....	7.50
Bolton, B. M.....	5.00	New York Maritime Register.....	52.50
Bombay Natural Historical Society.....	5.00	Nichols Co., C. A.....	5.00
Boston Book Co.....	6.50	Nijhoff, Martinus.....	203.58
Brentanos.....	7.20	O'Connor Market Reporter Co.....	5.00
Building Management.....	2.00	O'Leary, H. A.....	7.25
Burnham Antique Book Store.....	3.50	Pacific Rural Press.....	6.00
Burton & Son, R. C. M.....	12.00	Parsons, Chas. L.....	.51
Byrne & Co., John.....	835.25	Preston & Rounds Co.....	13.75
Blakistons Son & Co.....	4.50	Publishers' Weekly.....	1.50
Carnegie Institution of Washington.....	55.75	Quaritch, Bernard.....	2.43
Clarke & Co., James.....	48.45	Railway Equipment & Publishing Co.....	19.00
Clute & Co., Willard H.....	.75	Rand, McNally & Co.....	130.10
Co. Chas. H.....	8.00	Rhoads, Saml. N.....	10.91
Collins, Hauser & Co.....	358.36	Robinson, W.....	5.04
Contingent expenses, Department of Agriculture.....	91.24	Rousset, Jules.....	2.09
Cooper Ornithological Club.....	1.50	Sanborn, Colin C.....	4.40
Dames, Felix L.....	19.50	Schoell, George.....	26.44
Delaware Valley Ornithological Club.....	.50	Schulze, Theo. E.....	1.33
Dulan & Co. (Ltd.).....	6.07	Seabrook, I. D.....	18.25
Dun & Co., R. G.....	75.00	Shepard Co., Frank.....	6.00
Dussault & Proult.....	3.25	Smith, Annie Morrill.....	1.00
Espey, John B.....	1.08	Smith-Premier Typewriter Co.....	12.80
Field, Edward S.....	21.94	Smithsonian Institution.....	31.60
Frick, Wilhelm.....	.99	Snead & Co. Iron Works (Inc.).....	366.00
Friedlander & Sohn, R.....	508.32	Societe de Agriculture Suisse Romande.....	23.16
Gaylord Bros.....	10.25	Southern Lumberman.....	12.00
Gentil, L.....	1.78	Stechert & Co., G. E.....	4,446.67
Gerhard, Wm. J.....	55.00	Superintendent of Documents.....	11.00
Gottschalk, Paul.....	56.70	Svensk Botanisk Tidskrift.....	16.00
Grant, A. H.....	12.00	Terquem, Em.....	3.98
		Thompson Co., Edward.....	6.00
		Thorp, Thomas.....	3.95



## LIBRARY, DEPARTMENT OF AGRICULTURE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Library, Department of Agriculture, 1910, \$16,500"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Times Mirror Co.....	\$3.50	Woodward & Lothrop (Inc.).....	\$26.87
Trotter, Alessandro.....	6.00	Wytsman, P.....	12.62
Tucker & Son, Luther.....	85.28		
Tusewel Press.....	15.67	Total.....	13,379.62
Ulrich, Herman.....	4.00		
Underwood Typewriter Co.....	84.00	<i>Furniture.</i>	
Urner, Barry Co.....	9.00	Library Bureau.....	167.75
Ware Bros. Co.....	3.00		
Weigel, Oswald.....	433.04	<i>Travel and station and field expenses.</i>	
Wesley & Son, Wm.....	764.30	Barnett, C. R.....	45.35
West Publishing Co.....	154.75	Hawks, Emma B.....	20.78
Wheldon & Co., John.....	77.83		
Wilson Co., H. W.....	25.50	Total.....	66.13
Wood & Co., Wm.....	5.00		

Total amount of appropriation..... \$16,500.00  
 Total expenditures under above groups..... 15,030.11

Unexpended balance on Aug. 31, 1910..... 1,469.89  
 Outstanding liabilities (estimated)..... 1,269.89

Balance to be turned back in Treasury (estimated)..... 200.00

## RECAPITULATION.

Statutory salaries..... \$19,209.15  
 Lump-fund salaries in Washington..... 942.84  
 Stationery..... 473.77  
 Miscellaneous supplies and services, equipment, books, machinery, etc..... 13,379.62  
 Furniture..... 167.75  
 Travel and station and field expenses..... 66.13

Total for entire library..... 34,239.26

Total amount of appropriations..... 35,820.00  
 Total expenditures under above groups..... 34,239.26

Unexpended balance on Aug. 31, 1910..... 1,580.74  
 Outstanding liabilities (estimated)..... 1,269.89

Balance to be returned to Treasury (estimated)..... 310.85

## PROJECTS.

The principal projects conducted by the library during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

Administration (salaries)..... \$5,740.15  
 Correspondence, files, and accounts (salaries)..... 1,673.89  
 Cataloging, indexing, translating, loan desk work, and care of periodicals (salaries)..... 12,737.95  
 Traveling expenses..... 66.13  
 Books, periodicals, and miscellaneous supplies..... 15,291.03  
 35,509.15

## OFFICE OF CHIEF CLERK.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Department of Agriculture, 1910, \$80,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Roosa, I. P.....	Dispatch agent, at \$600.....	\$600.00	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Hard Rubber Co.....	\$61.50	American Multigraph Sales Co.....	\$18.00
American Lead Pencil Co.....	266.60	American Soap & Washolene Co.....	12.48
Andrews Paper Co., R. P.....	2,111.25	American Wood Working Machinery Co.....	36.18
Ballantyne, R. Carter.....	679.90	Anchor Packing Co.....	77.91
Barron & Co., James S.....	158.99	Anderson Co., V. D.....	21.00
Baumgarten & Sons Co., J.....	19.00	Armstrong & Sons.....	58.50
Carter Ink Co.....	328.00	Armour & Co.....	169.66
Clarke Co., R. P.....	301.38	Automatic Switch Co.....	1.00
Columbia Ribbon & Carbon Manufacturing Co.....	307.17	Baer Bros.....	18.00
Davison & Co., H. C.....	180.90	Banks & Co., F. S.....	26.44
Dixon Crucible Co., Joseph.....	146.80	Barber & Ross.....	316.68
Dushane & Co., John A.....	563.50	Barker, Chas. A.....	159.82
Easthampton Rubber Thread Co.....	1,360.80	Beall Construction Co., R. J.....	186.96
Hausler & Co.....	72.40	Becker & Co., Chas.....	29.29
Kalamazoo Loose Leaf Binder Co.....	103.31	Becker's Leather Goods Co.....	136.75
Lamb and Tilden.....	214.50	Bedell Manufacturing Co.....	180.88
Library Bureau.....	292.70	Belden Manufacturing Co.....	6.18
Lincoln, Fred S.....	12.15	Berry & Aikens.....	4.00
Lindemeyer, Philip.....	596.58	Berry Bros. (Ltd.).....	114.00
Long, H. D. F.....	3.60	Betz, Ernest.....	185.15
Mathers-Lamm Paper Co.....	157.80	Black Diamond Saw & Machine Works.....	3.50
Newman, E. S.....	5.00	Blum Bros.....	89.70
Old Dominion Paper Co.....	10.48	Boucher, J. F.....	15.00
Parker & Son Co., Frank A.....	165.00	Boyd & Co., F. O.....	22.72
Perry, Co., Charles E.....	7.25	Boynton & Plummer (Inc.).....	1.60
Pitcher, E. H.....	569.10	Bradley, W. H.....	10.00
Remington Typewriter Co.....	1.26	Bristol Co.....	1.73
Rockwell, Charles F.....	334.12	Britting, F. C.....	10.00
Schmidt, Fred A.....	20.60	Brooks Co., E. F.....	9.00
Siebert, John F.....	16.65	Buckley, John W.....	15.20
Stott & Co., Chas. G.....	537.18	Burrells's Press Clipping Bureau.....	210.00
Swayze, W. L.....	1,611.66	Burton & Son, R. C. M.....	277.95
Tower, D. A.....	153.93	Capital Motor Boat & Auto Supply Co.....	11.90
Underwood Typewriter Co.....	91.08	Capital Traction Co.....	60.00
Union Envelope Co.....	219.50	Carroll Electric Co.....	141.21
United States Envelope Co.....	1,040.20	Catlin, Elmer H.....	12.50
United States Paper Goods Co.....	38.00	Chesapeake Supply Co.....	687.10
Valley Paper Co.....	1,119.00	Chicago Record Herald.....	7.82
Washington Loose Leaf Co.....	21.50	Chicago Tribune Co.....	3.25
Yawman & Erbe Manufacturing Co.....	56.95	Chipman Electric Co.....	174.00
<b>Total.....</b>	<b>13,957.29</b>	Church, W. A. H.....	2,931.26
<i>Miscellaneous supplies, etc.</i>		Clark, T. Edw.....	1.50
Acme Glue Works.....	14.00	Clarke Co., R. P.....	104.39
Adams & Co., E. B.....	149.28	Cling-Surface Co.....	3.50
Adams Bagnall Electric Co.....	28.40	Collector of taxes, D. C.....	34.97
Alberne Stone Co.....	82.00	Columbia Smelting & Refining Works.....	60.25
Allen, Mitchell & Co.....	28.00	Comptograph Co.....	467.50
American Arc Lamp Co.....	16.20	Condon, D. D.....	8.00
American Automatic Disinfectant Co.....	108.00	Consolidated Press Clipping Co.....	13.93
American Conduit Co.....	47.32	Consolidated Sales Co.....	630.14
American Electric Fuse Co.....	10.60	Constant, Peter J.....	314.65
American Ice Co.....	2,170.10	Copeland Co., M. G.....	9.68
		Cotter, R. B.....	32.32
		Cotton & Son, Jas. S.....	617.99
		Crane Co.....	711.04

## OFFICE OF CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Department of Agriculture, 1910, \$80,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Cranford Paving Co.....	\$473.80	Lawrence-McFadden Co.....	\$5.20
Crescent Oil Co.....	8.04	Leese, M. A.....	2.70
Crown Oil & Wax Co.....	17.94	Lindsay Rubber Manufacturing Co....	3.96
Crupper, Joseph L.....	86.00	Lowenthal-Wolf Co.....	14.00
Cudahy Packing Co.....	8.21	Luce's Press Clipping Bureau.....	4.02
Cutler-Hammer Manufacturing Co.....	9.11	McCambridge Cooper Co.....	13.80
Cuyler & Mohler.....	894.84	McCubbin, C. J.....	1,299.36
Dalton Adding Machine Co.....	270.00	McRae, Hector.....	16.00
Dean Bros. Steam Pump Works.....	420.00	Reynolds & Sons, R. M.....	57.55
Desmond-Stephan Manufacturing Co.....	.66	Mackall Bros.....	3.65
De Veau Telephone Manufacturing Co.....	163.17	Manhattan Electric Supply Co.....	257.49
District of Columbia.....	104.88	Manning, Maxwell & Moore (Inc.).....	16.50
Douglas, W. H.....	105.10	Meeks' Sons, S. J.....	338.35
Dreifus, J.....	15.00	Merchants Transfer & Storage Co.....	5.00
Dulin & Martin.....	310.64	Miller & Graham.....	140.25
Du Perrow, M.....	271.47	Minnix Co. (Inc.), N. M.....	116.10
Dushane & Co., John A.....	297.50	Mitchell Co., M. C.....	74.02
Fuse Co., D. & W.....	53.23	Monarch Typewriter Co.....	128.41
Edmonston, Chas. R.....	48.00	Monros, Wm. E.....	12.00
Electric Storage Battery Co.....	15.05	Morgan & Wright.....	146.82
Elliott, Jno. G.....	514.41	Motley, F. G.....	46.00
Elliott Co.....	21.25	Muddiman & Co., C. A.....	1.10
Espey, John B.....	726.10	Mueller Manufacturing Co., H.....	277.63
Estler & Son, T. W.....	1.90	Munson Belting Co., Chas.....	31.41
Finola Manufacturing Co.....	44.64	Munson Supply Co.....	25.20
Formacone Co.....	35.00	Murphy Co. (Inc.), E. J.....	665.52
Fouke, E. B.....	58.00	Murphy Varnish Co.....	8.00
Fowl, Julius.....	15.00	Murray Bros.....	87.00
Fowler, A. W.....	48.00	Muth & Co., Geo. F.....	949.92
Franklin Mills Corporation.....	127.75	Mutual District Messenger Co.....	50.00
Fries, Beall & Sharp Co.....	373.86	National Carbon Co.....	4.08
Gallilher & Bros. (Inc.), W. F.....	3,365.25	National Electric Supply Co.....	278.11
Galt & Co., W. M.....	6.75	National Machinist Supply Co. (Inc.).....	109.87
General Electric Co.....	735.45	National Mortar Co.....	70.71
Gilman, Z. D.....	235.20	National Press Intelligence Co.....	6.12
Gottwals, W. O.....	109.20	National Supply Co.....	7.00
Granulator Soap Co.....	24.48	Nawrath, J. P.....	148.09
Greene, Tweed & Co.....	10.98	New York Cycle Co.....	8.50
Groff, D. F.....	15.12	Newman, E. S.....	15.00
Gscheidle, W. L.....	448.90	Newmyer, M.....	21.83
G. & W. Manufacturing Co.....	31.27	North Star Ash Can Co.....	28.75
Hagy Waste Works, J. Milton.....	60.00	Oliver Co., J. A.....	3.50
Hammar Bros. White Lead Co.....	308.88	Oliver Machinery Co.....	89.38
Harris & Shafer Co.....	16.13	Orkin, Otto.....	4.00
Hartig, Louis.....	1,030.41	Otis Elevator Co.....	34.72
Hastings & Co.....	1.68	Owens & Co., E. V.....	1.80
Hazleton, E. P.....	11.45	Packard Electric Co.....	15.31
Heiskell, Jr., & Co., P. H.....	261.49	Palmer Price Co.....	8.50
Hickerson, H. C.....	25.00	Peerless Rubber Manufacturing Co.....	15.84
Hinton, Agnes.....	60.00	Postmaster, Washington, D. C.....	3,800.00
Hodgkin, Chas. E.....	4.60	Potomac Electric Power Co.....	60.65
Hoge & McDowell Co.....	2,035.50	Pride of the Kitchen Co.....	12.00
Holtzer Cabot Electric Co.....	36.47	Raritan Paint Co.....	72.50
Houck, S. D.....	3.65	Red "C" Oil Manufacturing Co.....	4.95
Hulse, Edgar J.....	110.00	Reed, P. G.....	30.00
Hunt & Co., J. W.....	22.75	Reilly, Hugh.....	251.88
Hunter Fan & Motor Co.....	1.80	Reliance Gage Column Co.....	2.04
Hurley, J. E.....	19.60	Remington Typewriter Co.....	730.62
India Alkali Works.....	144.41	Rhoades & Fillman.....	.93
Jenkins Bros.....	4.80	Rhodes & Co., Jas. H.....	24.30
Johns-Manville Co., H. W.....	41.60	Richards (Inc.), E. N.....	67.40
Jordan Bros. (Inc.).....	6.00	Robbins & Myers Co.....	154.05
The Maurice Joyce Engraving Co.....	9.36	Robinson & Son Co., Wm. C.....	16.00
Kahlert & Co., Albert.....	27.82	Roebblings Sons, Jno. A.....	403.18
Keasbey & Mattison Co.....	610.78	Rogers, E. M.....	25.50
Kellogg Switchboard & Supply Co.....	236.48	Roosa, I. P.....	28.15
Kendall Co., J. B.....	194.29	Rudolph & West Co.....	357.83
Killian, Geo. P.....	1.72	San-Knit-ary Textile Mills.....	54.17
Killine Co.....	18.00	Schafer & Co., E. G.....	.60
Lambie Co. (Inc.) James B.....	477.35	Schmidt, Fred A.....	60.00
Lansburgh & Bro.....	69.52	Schneider Sons, C.....	13.50
Lansing Wheelbarrow Co.....	10.60	Schondau & Lynch.....	130.50



## OFFICE OF CHIEF CLERK—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Department of Agriculture, 1910, \$80,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture—Continued.</i>	
Sherwin-Williams Co.....	\$90.35	Woodward & Lothrop.....	\$34.39
Shoemaker & Busch.....	687.96	Yawman & Erbe Manufacturing Co...	226.05
Shore, Chas.....	1.05	Total.....	2,692.20
Sight Feed Oil Pump Co.....	15.30		
Simplex Electric Heating Co.....	13.53	<i>Fuel.</i>	
Simpson, L. N.....	96.08	Allegheny Co.....	504.42
Small, Frank R.....	8.70	Johnson Bros.....	3,111.95
Smith, James A.....	.60	Murphy, Robt.....	90.60
Smith, Thos. W.....	2,840.55	Rosslyn Lumber Co.....	172.00
Smith & Hall.....	1.80	Stephenson & Bros.....	9.00
Smoot, L. E.....	45.95	White Oak Coal Co.....	11,906.84
Somerville Co., Thos.....	2,095.02	Total.....	15,794.81
Southern Printers Supply Co.....	1.00		
Standard Engraving Co.....	93.25	<i>Freight.</i>	
Standard Oil Co.....	60.94	Knox Express Co., The Geo. W.....	5.30
Stevens, Charles H.....	15.00	Merchants Transfer & Storage Co.....	30.00
Stevens, Edward.....	198.00	Pennsylvania R. R. Co.....	9.13
Stiff, J. H.....	43.00	Smithsonian Institution.....	104.45
Stoller & Depre.....	14.28	Total.....	148.88
Strasburger Co., Jos.....	1.50		
Sun Printing & Publishing Association.....	9.00	<i>Express.</i>	
Syndicate Trading Co.....	25.58	Adams Express Co.....	75.65
Tagliabue Manufacturing Co.....	.50	United States Express Co.....	142.07
Telegraph & Telephone Age.....	5.00	Total.....	217.72
Thomas, George H.....	46.00		
Tin Shop Co.....	7.00	<i>Telegraph.</i>	
Tower, D. A.....	197.59	Postal Telegraph-Cable Co.....	15.95
Treasury Department, contingent expenses.....	34.24	Western Union Telegraph Co.....	154.73
Tribune Co.....	6.50	Total.....	170.68
Trumbull Electric Manufacturing Co.....	14.00		
Under-feed Stoker Co. of America.....	133.00	<i>Telephone.</i>	
Underwood Typewriter Co.....	444.33	Chesapeake & Potomac Telephone Co., The.....	787.80
Union Iron Works.....	3.55		
U. S. Frame & Picture Co.....	3.60	<i>Rent.</i>	
Van Schaack, Robt. H.....	121.50	Barker, Amanda V.....	420.00
Wade, G. Taylor.....	11.45	Beavers, John M.....	100.00
Walford, D. N.....	1.30	Bradley & Co., J. H.....	2,499.96
Ward Electric Co., Leonard.....	23.50	Brisco, Martha J.....	420.00
Washington Rubber Co.....	1.50	Brown, Amanda E.....	360.00
Western Electric Co.....	22.12	Friedricks, A. M.....	420.00
Westinghouse Electric & Manufacturing Co.....	52.33	Gardner, Eliza.....	420.00
Wheeler, James R.....	40.00	Johnson, J. Harrison.....	75.00
Williams & Wells Co.....	6.84	Lansdale, H. V.....	360.00
Wilmarth & Morman Co.....	58.50	Simpson, Chas. T.....	420.00
Woodward & Lothrop.....	37.46	Tyler & Rutherford.....	2,499.96
Worthington, Henry R.....	7.30	Total.....	7,994.92
Zephyr Ventilator Co.....	55.35		
Total.....	48,765.09	<i>Gas and electricity.</i>	
<i>Furniture.</i>		Bureau of Engraving & Printing Co...	5,416.68
Derby Desk Co.....	401.25	Potomac Electric Power Co.....	2,477.54
Gimbel, Ellis A.....	11.80	Washington Gas Light Co.....	929.79
Globe-Wernicke Co.....	117.00	Total.....	8,824.01
Hoeke, Wm. H.....	273.28		
House & Herrmann.....	22.35		
Lansburgh Furniture & Carpet Co., J.....	132.00		
Library Bureau.....	77.40		
Lincoln, Fred. S.....	17.55		
Moses & Sons, W. B.....	1,040.63		
Shaw-Walker Co.....	52.50		
Wanamaker, John.....	238.00		
Woodruff Manufacturing Co.....	48.00		

## OFFICE OF CHIEF CLERK—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Contingent expenses, Department of Agriculture, 1910, \$80,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Ashley, A. McC.....	\$2. 00	Wilson, James.....	\$617. 65
Boyle, Charles W.....	43. 85	Wilson, Jasper.....	227. 56
Fegan, H. J.....	15. 50	Wray, W. H.....	3. 24
Hays, W. M.....	707. 28	Total.....	1, 775. 24
Knorr, George W.....	6. 35		
Williams, L. S.....	151. 81		
Total amount of appropriation.....			\$80,000. 00
Amount transferred from various appropriations on account of supplies furnished to the different bureaus by the Supply Division and the mechanical shop, the supplies having been originally purchased out of "Contingent expenses, Department of Agriculture".....			24, 539. 88
Total appropriation available.....			104, 539. 88
Total expenditures under above groups.....			101, 728. 64
Unexpended balance on Aug. 31, 1910.....			2, 811. 24
Repayments to credit of appropriation.....			11. 63
Net unexpended balance.....			2, 822. 87
Outstanding liabilities (estimated).....			2, 622. 87
Balance to be turned back in Treasury (estimated).....			200. 00

## RECAPITULATION.

Lump-fund salaries outside of Washington.....	\$600. 00
Stationery.....	13, 957. 29
Miscellaneous supplies and services, equipment, books, machinery, etc.....	48, 765. 09
Furniture.....	2, 692. 20
Fuel.....	15, 794. 81
Freight.....	148. 88
Express.....	217. 72
Telegraph.....	170. 68
Telephone.....	787. 80
Rent.....	7, 994. 92
Gas and electricity.....	8, 824. 01
Travel and station and field expenses.....	1, 775. 24
Total for entire office of the chief clerk.....	101, 728. 64
Total amount of appropriation.....	80,000. 00
Amount transferred from other appropriations on account of supplies furnished.....	24, 539. 88
Total appropriation available.....	104, 539. 88
Total expenditures under above groups.....	101, 728. 64
Unexpended balance on Aug. 31, 1910.....	2, 811. 24
Repayments to credit of appropriation.....	11. 63
Net unexpended balance.....	2, 822. 87
Outstanding liabilities (estimated).....	2, 622. 87
Balance to be turned back in Treasury (estimated).....	200. 00

## OFFICE OF EXPERIMENT STATIONS.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Salaries, Office of Experiment Stations, 1910, \$39,260."

## STATUTORY SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
True, A. C.	Director, at \$4,000	\$4,000.00	\$795.47
Johnston, C. E.	Chief clerk, at \$1,800	1,800.00	
Henry, William	Clerk and proof reader, at \$1,600	1,600.00	
Bartholow, F. A.	Clerk, class 2	1,392.22	
Harlow, S. A.	do.	1,400.00	
Ryder, M. E.	do.	1,400.00	
Sommers, S. L.	do.	1,400.00	
Spethmann, Marie T.	do.	1,400.00	
Agnew, M. A.	Clerk, class 1	40.00	
Colbath, M. F.		1,160.00	
Murphy, Daisy K.	do.	1,200.00	
Nau, K. A.	do.	1,200.00	
Sweetnam, M. V.	do.	1,200.00	
Vance, Miriam C.	do.	1,200.00	
Agnew, M. A.	Clerk, at \$1,000	966.66	
Alexander, Emma C.		33.34	
Daish, W. M.	do.	1,000.00	
Emerson, Edith O.	do.	1,000.00	
Maddux, S. K.	do.	1,000.00	
Resch, A.	do.	1,000.00	
Alexander, Emma C.	Clerk, at \$900	105.00	
Figg, Beulah		765.00	
Todd, Frances W.	do.	30.00	
Garland, M. O.	do.	900.00	
Hanna, Jane	do.	375.00	
Henderson, Alice K.	do.	525.00	
Alexander, Emma C.	Clerk, at \$840	714.00	
Kendall, Shirley E.		126.00	
Barr, E. Aileen	do.	506.33	
Holland, Mary E.	do.	333.67	
Crain, A. C.	do.	793.33	
Henderson, Alice K.	do.	350.00	
Nelson, H. A.	do.	490.00	
Todd, Frances W.	do.	812.00	
Wallace, Amelia D.	do.	28.00	
Eidsness, L. M.	Clerk or messenger, at \$840	840.00	
Barnhartt, Eva L.	Messenger, at \$720	360.00	
Lehmann, Wm. G.		60.00	
Nelson, H. A.	do.	300.00	
Avery, Sarah L.	do.	203.33	
Hanford, J. G.	Clerk or messenger, at \$600	188.33	
Murphy, Anna C.	do.	108.33	
Dalrymple, Jas. M.	Messenger, at \$600	475.00	
Mansuy, J. S.		123.33	
Lehmann, Wm. G.	do.	550.00	
Whitlock, Harry T.	do.	50.00	
Dalrymple, Jas. M.	do.	100.00	
Hanford, J. G.	Messenger, at \$480	100.00	
Thomas, Millard L.		100.00	
Wilson, Harry R.	do.	180.00	
Webster, Ninna.	Copyist, at \$720	720.00	
Garvey, Mary C.	Charwoman, at \$480	480.00	
Martin, Mary E.	do.	480.00	
Moriarty, Mary A.	do.	480.00	
Noone, Sarah A.	do.	480.00	
Behm, Mary C.	Charwoman, at \$240	240.00	
Jordan, Mary	do.	70.00	
Newman, Mary	do.	170.00	
Total		39,103.87	

Total amount of above appropriation..... \$39,260.00  
 Total amount paid for salaries..... 39,103.87

Unexpended balance..... 156.13



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Agricultural experiment stations, 1910, \$34,800."

## LUMP-FUND SALARIES.

Names.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Allen, E. W.	Assistant director, at \$3,000	\$3,000.00	\$348.82
Evans, Walter H.	Chief of division, at \$2,500	2,500.00	170.53
Beale, W. H.	Chief of editorial division, at \$2,500	2,500.00	536.17
Morman, J. B.	Editorial assistant, at \$1,600	1,600.00	
Hooker, Wm. A.	Editor, at \$1,500 and \$1,800	1,737.50	
Morse, E. W.	do	1,737.50	
Burrows, T. K.	Editorial assistant, at \$1,400	1,400.00	125.70
Knight, H. L.	do	1,400.00	
Crosby, D. J.	Specialist in agricultural education, at \$2,200	1,100.00	584.29
Langworthy, C. F.	Nutrition expert, at \$2,400	1,200.00	92.65
Schulte, J. I.	Assistant agriculturist, at \$2,000	2,000.00	
Petzer, L. W.	Assistant in biological chemistry, at \$1,500	1,187.50	
Rankin, John O.	Assistant in agronomy, at \$1,200	800.00	
Glasson, E. J.	Scientific assistant, at \$1,500	1,500.00	
Long, Wm. H.	do	683.33	
Ogden, E. L.	Scientific assistant, at \$1,200	1,200.00	
Gericke, Martha L.	Scientific assistant, at \$900	37.50	
Matthews, Mary A.	Library assistant, at \$1,000	102.77	
Ashby, Eleanor G.	Library assistant, at \$840	665.00	
Shekells, Mabel A.	Clerk, at \$840	44.33	
Wallace, Amelia D.	do	98.00	
Barr, E. Aileen	Clerk, at \$720	106.00	
Drayton, Hester E.	Stenographer and typewriter, at \$900	547.50	
Aldridge, Susan C.	Stenographer and typewriter, at \$70 per month	284.67	
Imbach, Pearl M.	Stenographer and typewriter, at \$840	473.67	
Lyne, Cornelia	do	58.33	
Bean, Somerville	Carpenter, at \$3.50 per diem	383.25	
Keen, David G.	Laborer, at \$1.50 per diem	39.00	
Nelson, James E.	Unskilled laborer, at \$480	78.67	
Thomas, Millard L.	Messenger, at \$300	12.50	
Total		28,477.02	
<i>Out of Washington.</i>			
Woll, F. W.	Collaborator, at \$300	300.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Names.	Amount.	Names.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Andrews Paper Co., R. P.	\$8.66	Akers, J. O.	\$22.80
Ballantyne, R. Carter	35.29	American Multigraph Sales Co.	12.50
Columbia Ribbon & Carbon Manufacturing Co.	1.63	Baltzley, Louis E.	8.00
Contingent expenses, Department of Agriculture	361.36	Barber & Ross	10.41
Cooper, W. H.	1.00	Bedell Manufacturing Co.	4.37
Gaylord Bros.	4.00	Cahoon, Leon L.	14.20
Kalamazoo Loose Leaf Binder Co.	17.25	Capital Traction Co.	15.00
Lamb & Tilden	7.26	Chamberlain Metal Weather Strip Co.	4.42
Library Bureau	23.72	Clarke Co., R. P.	2.00
Lindemeyr, Philip	8.44	Contingent expenses, Department of Agriculture	722.08
Pitcher, E. H.	1.68	Dulin & Martin Co.	1.73
Schmidt, Fred A.	2.40	Espey, John B.	6.55
Siebert, John F.	2.40	Fairbanks Co.	3.20
Smith-Premier Typewriter Co.	.75	Farmacoe Co.	2.75
Swayze, W. L.	6.95	Fireman, Peter	250.00
United States Envelope Co.	57.20	Gasch & Sons, Richard	1.75
Vise Clip Co.	7.35	General Electric Co.	13.88
Yawman & Erbe Manufacturing Co.	46.80	Gutta Percha & Rubber Manufacturing Co.	.20
Total	594.14	Hammar Bros. White Lead Co.	17.82
		Hammond Typewriter Co.	2.70
		Hartig, Louis	.19

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation,  
 "Agricultural experiment stations, 1910, \$34,800"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight.</i>	
Hazleton, E. P.	\$11.60	Hannon, James S.	\$0.25
Henderson, Irving.	60.00	Knox Express Co., The Geo. W.	2.50
Joyce Engraving Co., The Maurice.	.50	Matson Navigation Co.	5.10
Kann, Sons & Co. S.	3.16	Merchants Transfer & Storage Co.	100.00
Kellogg Switchboard & Supply Co.	8.72	Total	107.85
Killian, Geo. P.	36.00	<i>Express.</i>	
Lamble Co. (Inc.), James B.	11.88	Adams Express Co.	17.43
Lansburgh & Bro.	4.50	United States Express Co.	3.20
Meyer, S. N.	22.50	Total	20.63
Minnix Co. (Inc.), N. M.	1.50	<i>Telegraph.</i>	
Monarch Typewriter Co.	82.35	Postal Telegraph-Cable Co.	.38
Morrey, J. B.	8.50	Western Union Telegraph Co.	16.99
Munson Supply Co.	3.15	Total	17.37
Murphy Co. (Inc.), E. J.	.32	<i>Telephone.</i>	
Muth & Co., Geo. F.	7.75	Chesapeake & Potomac Telephone Co.	43.51
National Electric Supply Co.	2.81	<i>Rent.</i>	
National Supply Co.	5.00	Belt, O'Brien & Co. (Inc.)	522.58
Norton, Alex. A.	150.00	<i>Apparatus, instruments, and laboratory material.</i>	
Ramsay, Wm.	2.50	Edmonds, F. H.	2.00
Rand, McNally & Co.	5.00	Gilman, Z. D.	2.07
Remington Typewriter Co.	72.15	Schmidt, Fred A.	1.44
Robbins & Myers Co.	30.30	Total	5.51
Rudolph & West Co.	15.77	<i>Travel and station and field expenses.</i>	
Spier, Geo. W.	12.50	Allen, E. W.	348.82
Stiff, J. H.	4.50	Beal, W. H.	536.17
Uber & Bros., Louis C.	1.60	Evans, Walter H.	170.53
Underwood Typewriter Co.	8.00	Morse, E. W.	85.24
U. S. Frame & Picture Co.	6.45	True, A. C.	795.47
Whyte, Warren M.	1.25	Total	1,936.23
Woodward & Lothrop.	53.66		
Total	1,750.47		
<i>Furniture.</i>			
Derby Desk Co.	117.00		
Globe-Wernicke Co.	13.35		
Hoeke, Wm. H.	39.98		
Lansburgh Furniture & Carpet Co., Julius.	16.16		
Lincoln, Fred S.	30.48		
Moses & Sons, W. B.	235.45		
Neustadte, M.	8.50		
Schmidt, O. H.	34.00		
Typewriter & Office Supply Co.	11.75		
Woodward & Lothrop.	11.39		
Yawman & Erbe Manufacturing Co.	17.20		
Total	535.26		

Total amount of appropriation	\$34,800.00
Total expenditures under above groups	34,310.57
Unexpended balance on Aug. 31, 1910	489.43
Outstanding liabilities (estimated)	109.73
Balance to be turned back in Treasury (estimated)	379.70

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Alaska), \$28,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Georgeson, C. C.	Special agent, at \$3,000	\$3,000.00	\$660.45
Neal, J. W.	Agent, at \$2,000	2,000.00	227.75
Gasser, G. W.	Agent, at \$1,500 and \$1,800	1,575.00	
Snodgrass, M. D.	do.	1,575.00	122.23
Kelly, Laurence	Agent, at \$1,000	1,000.00	
Wilkus, A. J.	Agent, at \$3 per diem	297.00	13.75
Zoellner, H. G.	Agent, at \$75 per month	75.00	
De Armond, R. W.	Agent and expert, at \$1,200	900.00	
Hooper, Eleanor K.	Stenographer, at \$4 per diem	16.00	
Reid, R. M.	Stenographer, at \$3.50 per diem and \$4 per diem	683.75	
Beggs, Con.	Carpenter, at \$7.50 per diem, and laborer, at \$7.50 per diem	553.50	
Johnson, J. O.	Carpenter, at \$3.20 per diem	4.00	
Hefferman, W. P.	Laborer, at \$7.50 per diem	378.75	
Wiese, P. O.	do.	41.25	
Williams, J. E.	do.	356.25	
Clevenger, H. R.	Laborer, at \$6 per diem	261.00	
Haley, Charles	do.	4.50	
Kelly, C. S.	do.	474.00	
Nichols, W. C.	do.	458.25	
Peck, C. R.	do.	42.00	
Strickland, J. F.	do.	456.75	
O'Connor, V. J.	Laborer, at \$5 per diem	50.00	
Dimedoff, T.	Laborer, at \$3.50 per diem	94.05	
Anderson, Chris.	Laborer, at \$3 per diem	47.62	
Boll, William	do.	152.62	
Heitmann, Gus.	do.	52.87	
Minis, J. R.	do.	139.50	
Nelson, J. A.	do.	98.62	
Petrikoff, Herlampe.	do.	9.00	
Thompson, O. A.	Laborer, at \$2.60 per diem	792.35	
Anderson, Stephan	Laborer, at \$2.50 per diem	15.00	
Bartlett, George	do.	13.75	
Kashaveroff, Walter	do.	21.25	
McCloud, Dan.	Laborer, at \$2.50 per diem and \$2 per diem	377.75	
Petrikoff, Abraham	Laborer, at \$2.50 per diem	6.25	
Feeney, F. F.	Laborer, at \$2.25 per diem	85.76	
Anderson, Dan.	Laborer, at \$2 per diem	36.00	
Bean, Augustus	do.	.50	
Davis, Charley	do.	217.00	
Jacob, John	do.	.50	
James, Charlie	do.	8.00	
Johnson, Peter	do.	32.00	
Liberty, Paul	do.	24.75	
Metris, Tom	do.	.50	
Michael, John	do.	.50	
Peck, Cyrus	do.	116.00	
Price, David	do.	.50	
Schmakoff, Paff	do.	.50	
Steat, Jacob	do.	.50	
Sullivan, Romey	do.	1.75	
Tori, K.	do.	64.50	
Willet, Edward	do.	64.75	
Williams, John	do.	47.50	
Williams, Peter	do.	.50	
Zirianoff, John	do.	54.00	
Charles, David	Laborer, at \$1.60 per diem	60.50	
Harris, Dick	do.	29.20	
McCloud, Michael	do.	39.20	
Total		16,907.54	



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Alaska), \$28,000,"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
United States Envelope Co.....	\$1.85	Whiting Nursery Co.....	\$24.00
<i>Miscellaneous supplies, etc.</i>		Williams Co., O. B.....	38.79
American Galloway Breeders' Association.....	8.75	Young Co., C. W.....	3.45
Adanga, Emilian.....	32.25	Total.....	5,967.74
Alaska Commercial Co.....	966.70	<i>Furniture.</i>	
American Steel & Wire Co.....	23.15	Coldwell, S. A.....	11.00
Anderson, Charley.....	96.25	<i>Fuel.</i>	
Atkinson Bros.....	83.25	Johnson, Alex.....	8.50
Barrack, J. E.....	66.25	<i>Freight.</i>	
Barrack & Co., J. E.....	64.98	Alaska Coast Co.....	61.67
Beggs, C.....	294.00	Alaska Steamship Co.....	9.50
Birkeland, Tom.....	18.62	Birkeland, Tom.....	221.25
Chamberlain, Edward.....	8.00	Juneau Steamship Co.....	15.00
Crosby & Son, P. B.....	1.00	Northern Navigation Co.....	245.59
DeGroot, Edward.....	5.75	Schubach Hamilton Steamship Co.....	29.49
Durr, H. A.....	18.00	Tanana Valley Railway Co.....	97.84
Fairbanks Lumber Co.....	485.00	Total.....	680.34
Flower, Sidney E.....	2.79	<i>Express.</i>	
Gregory & Son, Jas. J. H.....	8.00	Alaska Pacific Express Co.....	5.50
Griffin, E. W.....	142.50	<i>Telegraph.</i>	
Gurnee, Clinton.....	30.00	Postal Telegraph-Cable Co.....	.86
Iowa Seed Co.....	5.60	Western Union Telegraph Co.....	5.86
Jacobson & DeHaven Co.....	14.45	Total.....	6.72
Ketchikan Steamship Co.....	247.05	<i>Rent.</i>	
Kraft & Son, O.....	18.08	Petellin, Emelian.....	60.00
Lilly Co., Chas. H.....	250.99	<i>Travel and station and field expenses.</i>	
McCloud, Dan.....	58.50	Georgeson, Charles C.....	640.45
Merrill, E. W.....	35.81	Neal, J. W.....	208.25
Mills Co., W. P.....	253.19	Snodgrass, M. D.....	122.23
Minis, J. R.....	58.50	Wilkus, A. J.....	13.75
Nielson, J. B.....	38.47	Total.....	984.68
Northern Commercial Co.....	225.80		
Peoples, E. R.....	377.00		
Peterson, N.....	49.50		
Pioneer Harness Co.....	40.00		
Polson Implement Co.....	41.85		
Rahnstorf, Julius.....	40.00		
Schwabacher Hardware Co.....	130.17		
Seattle Hardware Co.....	304.59		
Seattle Seed Co.....	50.00		
Sitka Water & Light Co.....	12.00		
Smith's Gun Store.....	5.75		
Spuhn, Carl.....	90.93		
Standard Gas Engine Co.....	707.00		
Star Paint & Wall Paper Co.....	9.70		
Stein & Son, Abe.....	15.25		
Tanana Mill Co.....	448.84		
Thorburn & Co., J. M.....	15.89		
Torch Press.....	1.35		
Total amount of appropriation.....		\$28,000.00	
Total expenditures under above groups.....		24,633.87	
Unexpended balance on June 30, 1910.....		3,366.13	
Outstanding liabilities (estimated).....		3,361.13	
Balance to be turned back in Treasury (estimated).....		5.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Alaska, receipts from sale of products), \$1,361.85."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Beggs, Con .....	Carpenter, at \$7.50 per diem, and laborer, at \$7.50 per diem.	\$161.25	.....
Clevenger, H. R. ....	Laborer, at \$6 per diem.	324.00	.....
Peck, C. R. ....	do.	93.00	.....
Strickland, J. F. ....	do.	30.00	.....
McCloud, Dan. ....	Laborer, at \$2.50 per diem	29.06	.....
Feeney, F. F. ....	Laborer, at \$2.25 per diem	3.37	.....
Total.....		640.68	.....

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Telegraph.</i>	
Alaska Commercial Co. ....	\$128.55	Postal Telegraph-Cable Co. ....	\$4.60
American Galloway Breeder's Association. ....	11.25	Western Union Telegraph Co. ....	6.55
Barrack, J. E. ....	45.05	Total.....	11.15
Peoples, E. R. ....	99.60	<i>Rent.</i>	
War Department.....	2.31	Petellin, Emelian.....	30.00
Total.....	286.76	<i>Travel and station and field expenses.</i>	
<i>Freight.</i>		Georgeson, C. C. ....	20.00
Alaska Coast Co. ....	2.25	Heideman, Chas. W. H. ....	118.50
North American Transportation & Trading Co. ....	39.74	Neal, J. W. ....	19.50
Northern Pacific Ry. Co. ....	3.79	Zoellner, Herman G. ....	73.35
Northland Steamship Co. ....	28.21	Total.....	231.35
Total.....	73.99		

Total amount of appropriation available on July 1, 1909..... \$1,361.85  
 Total expenditures under above groups..... 1,273.93

Unexpended balance on June 30, 1910, available until used..... 87.92

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Hawaii), \$28,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Wilcox, E. V.	Special agent in charge, at \$3,000.	\$3,000.00	\$16.42
Higgins, J. E.	Expert in agriculture, at \$2,000.	1,999.99	
Krauss, F. G.	do.	1,999.99	214.00
Kelley, Walter P.	Expert in soil improvement, at \$2,000.	1,999.99	
Hunn, Chester J.	Expert in horticulture, at \$1,200.	1,200.00	
Fullaway, David T.	Scientific assistant, at \$1,700.	1,699.99	5.70
Thompson, Alice R.	Scientific assistant, at \$900.	900.00	
Bradford, Q. Q.	Agent, at \$1,200.	1,200.00	
Holt, Valentine S.	Agent, at \$900.	892.50	
Longley, A. T.	Typewriter, at \$1,000.	999.99	
Carter, Ethel E.	Stenographer and typewriter, at \$720.	720.00	
Edwards, Thomas.	Laborer, at \$40 per month.	480.00	
Souza, Charles.	Laborer, at \$37.50 per month.	450.00	
Monte, John.	Laborer, at \$35 per month and \$37.50 per month.	442.50	
Ables, Kenneth.	Laborer, at \$30 per month.	75.00	
Kinones, Joe.	do.	105.00	
Lerarisar, Pedro.	do.	30.00	
Lescaris, Pedro.	Laborer, at \$30 per month and \$1.18 per diem.	89.50	
Pedro, Alfred.	do.	272.22	
Rio, Pablo.	Laborer, at \$30 per month.	20.50	
Alesarry, Pedro.	Laborer, at \$1.18 per diem.	175.82	
Lasrry, Pedro.	do.	23.60	
Alesias, Lorenzo.	Laborer, at \$1 per diem.	22.00	
Almodova, Manual.	do.	14.00	
Amazoo, Jakob.	do.	20.00	
Baladonade, John.	do.	8.00	
Balentine, Enrique.	do.	102.00	
Belasquez, M.	do.	26.00	
Biber, Andree.	do.	20.00	
Borrerreo, Antone.	do.	11.00	
Castro, Juan.	do.	311.00	
Dia, Lorenzo.	do.	259.25	
Dias, William.	do.	29.00	
Dias, Lorenzo.	do.	28.91	
Exnande, Gravie.	do.	25.00	
Exnande, Pedro.	do.	24.50	
Franco, Yujinio.	do.	4.00	
Garcia, Wm.	do.	173.75	
Goico, Marcelino.	do.	104.50	
Gonsales, Monse.	do.	24.00	
Lugar, Leon.	do.	24.00	
Martine, Rafael.	do.	2.00	
Melendes, Santiago.	do.	5.00	
Medina, Baustitista.	do.	25.00	
Medina, Ramon.	do.	2.00	
Melendre, Joe.	do.	238.25	
Millen, Colnelio.	do.	3.00	
Moro, Silva.	do.	51.00	
Nadal, Pedro.	do.	42.50	
Omoto, No. 1.	do.	356.40	
Orti, Catalino.	do.	273.00	
Riveras, Jenaro.	do.	48.00	
Riveras, John.	do.	34.50	
Rodrigues, Louis.	do.	25.50	
Roman, Simon.	do.	45.50	
Salla, John.	do.	5.00	
Santiago, Augustine.	do.	188.25	
Santiago, Ujenio.	do.	2.00	
Sierra, Frank.	do.	312.00	
Troche, Clemente.	do.	48.00	
Velasquez, M.	do.	6.00	
Higashi.	Laborer, at 90 cents per diem.	261.23	
Kimura, O.	do.	292.85	
Nagato.	do.	212.85	
Sokomoto.	do.	241.65	
Total.		22,728.98	



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Agricultural Experiment Stations, 1910 (station at Hawaii), \$28,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Arleigh & Co. (Ltd.), A. B.	\$1.00	Tokyo Zoological Society	\$11.25
Hawaiian News Co. (Ltd.)	164.78	Trumbull Seed Co.	18.60
Lincoln, Fred S.	3.60	Union Feed Co. (Ltd.)	104.82
Moore Corporation, John C.	2.00	Total	3,423.72
Total	171.38	<i>Freight.</i>	
<i>Miscellaneous supplies, etc.</i>		American-Hawaiian Steamship Co.	9.20
Arleigh & Co. (Ltd.), A. B.	1.45	Atchison, Topeka & Santa Fe Ry.	4.96
Bureau of Science	20.00	Baltimore & Ohio R. R.	.46
California Feed Co. (Ltd.)	166.50	Hannon, James S.	.75
Cashman, D. J.	23.25	Matson Navigation Co.	4.35
City Mill Co. (Ltd.)	533.16	Oceanic Steamship Co.	18.22
City Shoeing Shop	46.50	Old Dominion Steamship Co.	4.45
Davies & Co. (Ltd.), Theo. II.	1.50	Roosa, I. P.	4.50
Dreer (Inc.), Henry A.	6.65	Southern Pacific Co.	7.56
Ehlers & Co., B. F.	79.21	Total	54.45
Elliott Co.	151.26	<i>Express.</i>	
Emmeluth & Co. (Ltd.)	7.40	Adams Express Co.	5.70
Fitzpatrick, T. J.	6.75	<i>Telegraph.</i>	
Francher Creek Nurseries	6.50	Postal Telegraph-Cable Co.	12.86
Friedlander, P. & Sohn	38.96	Western Union Telegraph Co.	8.02
Gallagher, Ben.	8.00	Total	20.88
Glen Saint Mary Nurseries Co.	2.41	<i>Telephone.</i>	
Gonsales & Co. (Ltd.)	3.00	Mutual Telephone Co. (Ltd.)	48.00
Hackfeld & Co. (Ltd.), H.	12.00	<i>Gas and electricity.</i>	
Hall & Son (Ltd.), E. O.	953.06	Honolulu Gas Co. (Ltd.)	98.25
Hamman & Son, D. O.	9.15	<i>Apparatus, instruments, and laboratory material.</i>	
Hawaiian Carriage Manufacturing Co. (Ltd.)	15.50	Bausch & Lomb Optical Co.	115.49
Hawaiian Electric Co.	7.75	Benson, Smith & Co. (Ltd.)	316.86
Hawaiian Fertilizer Co. (Ltd.)	1.13	Boyd & Co., F. O.	22.94
Hawaiian News Co. (Ltd.)	1.00	Braun-Knecht-Heimann Co.	51.91
Hawaiian Star Newspaper Association	5.00	Flemer, Lewis	12.96
Honolulu Iron Works Co.	6.00	Greiner, Emil Co.	8.58
Honolulu Planing Mill	18.50	Honolulu Photo Supply Co.	50.25
Inter-Island Steam Navigation Co. (Ltd.)	51.00	Kny-Scheerer Co.	17.74
Ito, Seiza, Treasurer Sapporo Natural Historical Society	2.75	Schwartz, Joseph	1.00
Keyes, D.	4.15	Shoemaker & Busch	29.37
Kimura & Co. (Ltd.), S.	1.20	Thomas Co., A. H.	23.81
Leong, Tom	7.25	Whitall, Tatum Co.	2.04
Levy & Co. (Ltd.), J. M.	3.00	Wickman & Co., H. F.	3.50
Lewers & Cooke (Ltd.)	92.96	Wytsman, P.	34.97
Longmans, Green & Co.	50.00	Total	691.42
Louisiana Planter & Sugar Manufacturing Co.	3.00	<i>Travel and station and field expenses.</i>	
McGuire, J. W. L.	2.00	Baker, Geo. S.	3.00
May & Co. (Ltd.), Henry	5.53	Fullaway, David T.	5.70
Mercantile Printing Co. (Ltd.)	8.50	Krauss, F. G.	214.00
Moore Corporation, John C.	7.50	Wilcox, E. V.	16.42
New York Botanical Garden	3.00	Total	239.12
Office Supply Co. (Ltd.)	6.50		
Pacific Implement Co.	15.00		
Paradise of the Pacific	641.10		
Philip & Bros., Fred	50.00		
Reliable Poultry Journal Publishing Co.	.80		
Rhodes, H. J.	7.50		
Rural Publishing Co.	1.00		
Schuman Carriage Co. (Ltd.)	11.00		
Stechert & Co., G. E.	151.15		
Taylor, Mrs. E. M.	14.50		
Thacker, Spink & Co.	17.07		

Total amount of appropriation.....\$28,000.00  
 Total expenditures under above groups.....27,481.90

Unexpended balance on June 30, 1910.....518.10  
 Outstanding liabilities (estimated).....493.10

Balance to be turned back in Treasury (estimated).....25.00

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural experiment stations, 1910 (station at Hawaii, receipts from sale of products), \$395.47."

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Louisiana Planter & Sugar Manufacturing Co.....	\$3.00	Kny-Scheerer Co.....	\$5.00
Stechert, G. E.....	23.58	<i>Travel and station and field expenses.</i>	
Union Feed Co. (Ltd.).....	14.42		
Total.....	41.00	Krauss, F. G.....	1.00
<i>Telegraph.</i>			
Western Union Telegraph Co.....	7.10		

Total amount of appropriation available on July 1, 1909..... \$393.47

Total expenditures under above groups..... 54.10

Unexpended balance on June 30, 1910, available until used..... 339.37

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural experiment stations, 1910 (station at Porto Rico) \$28,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
May, D. W.....	Special agent, at \$3,000.....	\$2,750.00	\$1,572.68
Gile, P. L.....	Chemist, at \$1,800.....	1,650.00	112.58
Taylor, W. C.....	Assistant in chemistry, at \$1,500.....	1,312.50	50.32
Kinman, C. F.....	Horticulturist, at \$1,600.....	1,466.66	485.98
Fawcett, G. L.....	Plant pathologist, at \$1,500.....	1,375.00	58.43
Tower, W. V.....	Entomologist, at \$1,600.....	1,466.66	89.11
Ritzman, E. G.....	Animal husbandman, at \$1,500.....	1,375.00	22.43
Loew, Oscar.....	Expert, at \$9 per diem.....	702.00	21.49
McClelland, T. B.....	Expert, at \$1,200.....	1,050.00	92.26
Hess, W. E.....	Expert gardener, at \$1,200.....	1,100.00	23.43
Van Leenhoff, J. W.....	Agent and expert, at \$480.....	440.00	
Alemar, Carmelo, jr.....	Stenographer and typewriter, at \$900.....	825.00	
Carrero, Rafael.....	Office boy, at 50 cents per diem.....	137.50	
Figueroa, German.....	Foreman, at \$40 per month.....	440.00	
Sintron, Claudio.....	Foreman, at \$15 per month.....	165.00	
Belfort, Genaro.....	Machinist, at \$2 per diem.....	5.00	
Mansanares, Manuel.....	Mason, at \$1.50 per diem.....	6.75	
Noublet, Silverio.....	do.....	171.00	
Martinez, Jose.....	Carpenter, at \$2 per diem and \$1.50 per diem.....	125.11	
Alers, Antonio.....	Carpenter, at \$1.50 per diem.....	55.87	
Bell, John.....	do.....	67.50	
Baldiris, Juan.....	do.....	144.76	
Rosario, Tomas.....	Laborer, at \$27.50 per month and \$30 per month.....	307.50	
Lynch, John.....	Laborer, at \$25 per month and \$1 per diem.....	59.25	
Padilla, Demetrio.....	Laborer, at \$25 per month.....	275.00	
Rosa, Pedro.....	do.....	279.20	
Padilla, Ramon.....	Laborer, at \$20 per month.....	226.90	
Velez, Pedro.....	do.....	9.33	
Rodriguez, Victorio.....	Laborer, at \$1 per month and 35 cents per diem.....	1.70	
Segarra, Lorenzo.....	Laborer, at 75 cents per diem.....	104.81	
Abellanet, Julio.....	Laborer, at 70 cents per diem.....	159.70	
Olivencia, Francisco.....	do.....	182.87	
Ramos, Domingo.....	do.....	194.95	
Rosa, Esteban.....	do.....	100.10	
Benedetti, Andres.....	Laborer, at 65 cents per diem.....	42.58	
Comacho, Dionicio.....	Laborer, at 60 cents per diem.....	167.70	
Comacho, Gerardo.....	do.....	162.00	
Gordils, Juan.....	do.....	158.85	
Olivencia, Eusebio.....	do.....	193.35	
Rivera, Cruz.....	do.....	165.90	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Porto Rico), \$28,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Torres, Juan.....	Laborer, at 60 cents per diem.....	\$155.10	
Veley, Pedro.....	do.....	162.30	
Figueroa, Bautista.....	Laborer, at 55 cents per diem.....	150.02	
Gonzalez, Pablo.....	do.....	3.72	
Morales, Claudio.....	Laborer, at 55 cents per diem and 60 cents per diem.....	150.22	
Valez, Juan.....	Laborer, at 55 cents per diem.....	1.65	
Valez, Manuel.....	do.....	95.35	
Aquino, Antonio.....	Laborer, at 50 cents per diem.....	2.50	
Bonillas, Alfonso.....	do.....	84.75	
Cruz, Antonio.....	do.....	1.50	
Fajardo, Carmelo.....	do.....	.50	
Figueroa, Arnello.....	do.....	1.50	
Gonsales, Pablo.....	do.....	1.38	
Maldonado, Eurenicio.....	Laborer, at 50 cents per diem and 35 cents per diem.....	9.56	
Olivencia, Jose.....	Laborer, at 50 cents per diem.....	2.00	
Padilla, Agapito.....	do.....	130.74	
Perez, Pablo.....	do.....	17.50	
Ramos, Luis.....	Laborer, at 50 cents per diem and 55 cents per diem.....	29.42	
Thompson, Chas. H.....	Laborer, at 50 cents per diem.....	3.50	
Valentin, Faustino.....	Laborer, at 50 cents per diem and 55 cents per diem.....	64.08	
Velez, Francisco.....	Laborer, at 50 cents per diem.....	163.62	
Velez, Onofre.....	do.....	3.00	
Odiot, A.....	Laborer, at 40 cents per diem.....	19.90	
Odiot, Ignacio.....	do.....	73.60	
Padilla, Daniel.....	do.....	128.31	
Collaro, Manuel.....	Laborer, at 35 cents per diem.....	.17	
Custores, Vicente.....	do.....	10.60	
Gonsales, Paco.....	do.....	4.58	
Gonsales, Vicente.....	do.....	5.98	
Ortis, Ventura.....	do.....	5.95	
Sauches, Julian.....	do.....	10.52	
Sedeno, Casimiro.....	do.....	6.11	
Torres, Julian.....	do.....	10.11	
Torres, Pedro.....	Laborer, at 35 cents per diem and \$10.50 per month.....	37.87	
Valentin, Juan.....	do.....	37.80	
Quinones, Santos.....	Laborer, at 30 cents per diem.....	.30	
Torres, Regino.....	do.....	3.30	
Cribille, Benito.....	Laborer, at 25 cents per diem.....	7.38	
Ramos, Jose.....	do.....	32.25	
Rivera, Pedro.....	do.....	.25	
Rosado, Maria.....	do.....	1.50	
Vidal, Jose.....	do.....	1.12	
Anglero, Gregorio.....	Laborer, at 20 cents per diem.....	.20	
Maldonado, Victor.....	do.....	1.40	
Padilla, Pedro.....	do.....	5.30	
Ramos, Juan.....	do.....	5.10	
Torres, Dolores.....	do.....	2.20	
Torres, Francisco.....	Laborer, at 20 cents per diem and 25 cents per diem.....	6.21	
Garcia, Antonio.....	Laborer, at 16 cents per diem and 8 cents per diem.....	5.38	
Cortes, Francisco.....	Laborer, at 8 cents per diem.....	.34	
Pabou, Anita.....	do.....	3.80	
Plata, Soilo.....	do.....	3.62	
Rivera, Abdon.....	do.....	.91	
Rivera, Maria.....	do.....	.31	
Santos, Ramos.....	do.....	2.25	
Santos, Ramona.....	do.....	2.31	
Torres, Eriquida.....	do.....	1.40	
Torres, Isabel.....	do.....	3.23	
Torres, Juanita.....	Laborer, at 8 cents per diem and 16 cents per diem.....	9.41	
Total.....		21,337.88	



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Porto Rico) \$28,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
United States Envelope Co.....	\$18.90	Martinez, Jose.....	\$135.50
<i>Miscellaneous supplies, etc.</i>		<i>Freight.</i>	
Bandera Americana, La.....	383.32	New York & Porto Rico S. S. Co.....	285.86
Bates Machine Co.....	6.00	Roosa, I. P.....	230.60
Bird & Co., J. A. & W.....	36.91	Total.....	516.46
Bravo & Co., A.....	139.57	<i>Express.</i>	
Carlo, Simon.....	50.00	Adams Express Co.....	1.25
Cartagena, Pedro R.....	14.00	<i>Telegraph.</i>	
Deming Co.....	33.25	Western Union Telegraph Co.....	18.04
Emling, Edward H.....	29.32	<i>Apparatus, instruments, and labora-</i>	
Falbe, Wm.....	115.00	<i>tory material.</i>	
Fowler & Slater.....	18.98	Eimer & Amend.....	57.93
Gatchel & Manning.....	25.00	Emling, Edward H.....	25.58
Gerdes, Hern. S., jr.....	19.84	Goulds Mfg. Co.....	28.35
Grau, Higos M.....	51.65	Rheinfalzische Maschinen und Metall-	
Healy, A. L.....	904.85	warenfabrik.....	29.31
Henderson & Co., Peter.....	12.73	Saliva, Augusto.....	10.40
Hernandez, Jose.....	15.00	Thomas Co., A. H.....	215.17
Hernandez, Juan.....	15.00	Total.....	366.74
Hernandez, Thomas.....	14.00	<i>Travel and station and field expenses.</i>	
Hortsmann Co., Wm. H.....	4.50	Fawcett, C. L.....	58.43
Joyce Engraving Co., Maurice.....	12.40	Gile, P. L.....	112.58
Montgomery, Ward & Co.....	93.57	Hess, William E.....	23.43
Moral & Co., S. en C.....	61.17	Kinman, C. F.....	420.95
Nussa, N. Gimenez.....	15.00	Loew, Oscar.....	21.49
Ramirez, Diego.....	15.00	McClelland, T. B.....	92.26
Review Printing Co.....	285.46	May, D. W.....	1,407.59
Root Co., A. I.....	6.00	Ritzman, E. G.....	8.45
Rossy, Enrique.....	40.00	Taylor, Wm. C.....	50.32
Saint Laurent & Martinez.....	270.96	Tower, W. V.....	61.01
Segarra, B.....	15.00	Total.....	2,256.51
Segarra, Ramon.....	15.00		
Southern Printers' Supply Co.....	8.70		
Stechert & Co., G. E.....	108.15		
Suc. de Roses & Co., S. en C.....	15.34		
Sucrs. de Swan S. en C.....	214.17		
Thorburn & Co., J. M.....	16.95		
Tirrill Gas Machine Lighting Co.....	66.00		
Turner Co., J. Spencer.....	41.24		
Velez, Francisco.....	38.83		
West India Oil Co.....	35.42		
Western Electric Co.....	49.95		
White, Van Glahn & Co.....	32.29		
Total.....	3,345.52		

Total amount of appropriation..... \$28,000.00  
 Total expenditures under above groups..... 27,996.80

Unexpended balance on Aug. 31, 1910..... 3.20  
 Outstanding liabilities (estimated)..... 3.20

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Porto Rico, receipts from sale of products), \$5,750.96."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
May, D. W.	Special agent, at \$3,000.	\$250.00	
Gile, P. L.	Scientific assistant in chemistry, at \$1,800.	150.00	
Irons, Martin J.	Scientific assistant in horticulture, at \$1,800.	85.00	
Taylor, W. C.	Assistant chemist, at \$1,500.	125.00	
Tower, W. V.	Plant pathologist and entomologist, at \$1,600.	133.34	
Fawcett, G. L.	Scientific assistant, at \$1,500.	125.00	
Ritzman, E. G.	Assistant animal husbandman, at \$1,500.	125.00	
Kinman, C. F.	Expert, at \$1,600.	142.22	
McClelland, T. B.	Expert, at \$1,200.	100.00	
Hess, W. E.	Expert gardener, at \$1,200.	100.00	
Van Leenhoff, J. W.	Agent and expert, at \$480.	40.00	
Alemar, Carmelo, jr.	Stenographer and typewriter, at \$900.	75.00	
Carrero, Rafael.	Office boy, at 50 cents per diem.	12.75	
Figueroa, German.	Foreman, at \$40 per month.	40.00	
Sintron, Clandino.	Foreman, at \$15 per month.	15.00	
Martinez, Jose.	Carpenter, at \$1.50 per diem.	21.38	
Raldiris, Juan.	do.	39.00	
Rosario, Tomas.	Laborer, at \$30 per month.	30.00	
Padilla, Demetrio.	Laborer, at \$25 per month.	25.00	
Valentine, Juan.	Laborer, at \$10.50 per month.	10.50	
Padilla, Ramon.	Laborer, at \$1 per diem.	23.75	
Rosa, Pedro.	do.	26.50	
Rodriguez, Lorenzo.	Laborer, at 75 cents per diem.	9.00	
Abellanet, Julio.	Laborer, at 70 cents per diem.	18.20	
Olivencia, F.	do.	18.20	
Ramos, Domingo.	do.	18.20	
Comacho, Dionicio.	Laborer, at 60 cents per diem.	15.60	
Comacho Gerardo.	do.	14.70	
Gordils, Juan.	do.	14.10	
Morales, Claudio.	do.	3.90	
Olivencia, Eusebio.	do.	16.20	
Rivera, Cruz.	do.	15.00	
Torres, Juan.	do.	15.00	
Velez, Pedro.	do.	15.00	
Figueroa, Bautista.	Laborer, at 55 cents per diem.	14.30	
Bonilla, Alfonso.	Laborer, at 50 cents per diem.	13.00	
Odiot, Anicacio.	do.	11.63	
Padilla, Agapito.	do.	12.38	
Padilla, Daniel.	do.	13.00	
Perez, Pablo.	do.	13.50	
Thomson, Harrison.	do.	10.25	
Velez, Francisco.	do.	15.00	
Ramos, Jose.	Laborer, at 25 cents per diem.	6.75	
Maldonado, Victor.	Laborer, at 20 cents per diem.	5.40	
Ramos, Juan.	do.	3.40	
Total.		1,986.15	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at Porto Rico, receipts from sale of products), \$5,750.96"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight.</i>	
United States Envelope Co.....	\$4.84	Borden, A. P.....	\$149.62
Yawman & Erbe Manufacturing Co....	2.25	Roosa, I. P.....	8.38
Total.....	7.09	Total.....	158.00
<i>Miscellaneous supplies, etc.</i>		<i>Telegraph.</i>	
Borden, A. P.....	300.00	Western Union Telegraph Co.....	11.72
Bravo & Co.....	133.20	<i>Apparatus, instruments, and laboratory material.</i>	
Carlo, Simon.....	75.00	Eimer and Amend.....	217.00
Gatchell & Manning.....	16.50	Shoemaker & Busch.....	6.00
Healy, A. L.....	79.05	Thomas Co., Arthur H.....	223.22
Hernandez, Thomas.....	13.00	Total.....	446.22
Hughes, John T.....	300.00	<i>Travel and station and field expenses.</i>	
Johnson, J. T.....	400.00	Irons, Martin J.....	21.27
Lynn, A., Hijos de Perez Moris.....	55.00	Kinman, C. F.....	65.03
Pagan, Lopez & Co.....	70.32	May, D. W.....	264.60
Read, Leonard.....	20.50	Ritzman, E. G.....	13.98
Remington Typewriter Co.....	2.81	Tower, W. V.....	28.10
Rodes, J. W.....	250.00	Total.....	392.98
Tirrill Gas Machine Lighting Co.....	28.00		
White, Van Glahn & Co.....	39.91		
Wilson, Garret D.....	700.00		
Total.....	2,483.29		

Total amount of appropriation available on July 1, 1909..... \$5,750.96  
 Total expenditures under above groups..... 5,485.45

Unexpended balance on June 30, 1910, available June 30, 1910..... 265.51

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at island of Guam), \$15,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Thompson, J. B.....	Special agent, at \$2,000 and \$2,500.....	\$2,375.00	\$256.15
Castenoble, H. V.....	Agent, at \$1,200.....	500.00	76.57
Nelson, F.....	Foreman, at \$3 per diem.....	180.00	
Twiford, J. H.....	Foreman, at \$1.50 per diem.....	4.50	
Pangelinan, Pedro.....	Foreman, at 96 cents per diem and \$1.10 per diem.....	127.69	
Chance, Harry.....	Carpenter, at \$4 per diem.....	194.00	
Flores, Jose.....	Carpenter, at \$2 per diem.....	9.60	
Yamaguchi, S.....	.....do.....	98.00	
Garcia, Jose.....	Carpenter, at \$1.60 per diem.....	40.00	
Garcia, Juan.....	.....do.....	16.00	
Patrick, J.....	Quartermaster, at \$2 per diem.....	29.00	
Uthoa, Juan.....	Mason, at \$1.60 per diem.....	3.20	
Alfague, Jose.....	.....do.....	3.20	
Atao, Vincente.....	Laborer, at 64 cents per diem.....	.64	
Cruz, Ramon.....	.....do.....	144.34	
Cruz, Tomas.....	.....do.....	105.92	
Cruz, Ygnacio.....	.....do.....	74.56	
Pafleji, Juan.....	.....do.....	66.40	
Fejeran, Domingo.....	.....do.....	25.92	
Fejeran, Isidro.....	.....do.....	72.32	
Fejeran, Juan.....	.....do.....	152.64	



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Agricultural Experiment Stations, 1910 (station at Island of Guam), \$15,000"—  
 Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fejeran, Lucas.....	Labor, at 64 cents per diem.....	\$134.40	.....
Hart, Guillermo.....	do.....	79.20	.....
Iglesias, Juan.....	do.....	76.48	.....
Kiduga, Bidad.....	do.....	16.00	.....
Maanao, Jose.....	do.....	123.04	.....
Magofna, Jose.....	do.....	63.36	.....
Manalisai, Jose.....	do.....	.64	.....
Megofna, Vincente.....	do.....	151.36	.....
Mendiola, Juan.....	do.....	32.72	.....
Pablo, Joaquin.....	do.....	12.80	.....
Quidashy, Joaquin.....	do.....	45.28	.....
Quitigo, Bidad.....	do.....	15.04	.....
Quitugua, Jose.....	do.....	210.32	.....
Rios, Casiano.....	do.....	10.88	.....
Rios, Felipe.....	do.....	73.76	.....
Santos, Francisco.....	do.....	109.76	.....
Santos, Feliz.....	do.....	163.40	.....
Santos, Jose.....	do.....	9.60	.....
Santos, Luis.....	do.....	168.00	.....
Santos, Manuel.....	do.....	162.28	.....
Santos, Toribidio.....	do.....	12.80	.....
Tajito, Francisco.....	do.....	104.64	.....
Tajaye, Juan.....	do.....	39.04	.....
Terlage, Leuz.....	do.....	166.64	.....
Ungarta, Domingo.....	do.....	10.56	.....
Total.....	.....	6,214.93	.....

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Union Paper Co.....	\$10.08	Mafnez, Marcos.....	\$88.00
<i>Miscellaneous supplies, etc.</i>		Manibusan, Juan.....	31.60
Baker & Hamilton.....	426.15	Manibusan, Lorenzo.....	36.80
Brown & Co., E. C.....	11.70	Morse & Co., C. C.....	122.60
Chance, Harry.....	344.89	Nagano, S.....	69.26
Concepcion, Vincente Cruz.....	20.40	Nelson, P.....	4.80
Costenoble, H. V.....	54.71	Pope & Talbot.....	294.00
Cruz, Feliz.....	44.70	Quenga, Feliz.....	16.00
Cruz, Lorenzo.....	14.00	Quenga, Justo.....	48.00
Cruz, Vincente.....	49.20	Quenga, Manuel.....	16.40
de Torres, Juan.....	1,433.33	Quenga, Sebastian.....	88.80
Fejeran, Juan.....	88.00	Quenga, Vicente.....	26.00
Fuller & Co., W. P.....	12.18	Sablán, Vicente.....	3.33
Germain Seed & Plant Co.....	5.05	San Nicolas, Antonio.....	384.50
Guenga, Feliz.....	80.00	San Nicolas, Maria.....	42.00
Guenga, Sebastian.....	78.40	San Nicolas, Vicente.....	179.00
Guenga, Vicente.....	60.50	Santos, Manuel.....	100.80
Hall's Safe Co.....	98.00	Santos, Tiburcio.....	15.00
Hastings & Co., H. G.....	3.65	Schnabel, J.....	392.05
Howe Scale Co.....	130.00	South Sea Trading Co.....	206.65
Hurt, F.....	58.50	Stoddard, H.....	4.50
Inonye, T.....	9.45	Torres, Juan.....	50.00
Lantiago, Antonio.....	14.00	Union Gas Engine Co.....	1,550.00
Lantiago, Antonio.....	86.00	U. S. Naval Station.....	14.06
Lisama, Jose.....	20.00	United States Steel Products Export Co.....	105.87
Lowdermilk & Co., W. H.....	14.00	Total.....	7,081.61
Maanao, Jose.....	34.80		

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (station at island of Guam), \$15,000—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Crooken Co., H. S. ....	\$249. 45	Baker, Reid S. ....	\$35. 30
<i>Freight.</i>		Bausch & Lomb Optical Co. ....	42. 13
Aitchison, Topeka & Santa Fe Ry. ....	1. 38	Eastman Kodak Co. ....	16. 80
Cruz, Ramon. ....	2. 40	Lewis, J. L. ....	. 30
Guenga, Manuel. ....	3. 90	Sussman Photo Stock Co., J. ....	1. 86
Total. ....	7. 68	Thomas Co., A. H. ....	. 68
<i>Express.</i>		Whitall, Tatum Co. ....	43. 57
Adams Express Co. ....	8. 10	Total. ....	140. 64
<i>Telegraph.</i>		<i>Travel and station and field expenses.</i>	
Western Union Telegraph Co. ....	23. 59	Baker, George S. ....	. 75
<i>Rent.</i>		Costenoble, H. V. ....	76. 57
Costenoble, H. V. ....	25. 00	Thompson, J. B. ....	256. 15
Mafmaz, Marcos. ....	12. 00	Total. ....	333. 47
Mafner, Marcos. ....	28. 00		
Santos, Jose. ....	7. 08		
Total. ....	72. 08		

Total amount of appropriation. ....	\$15,000. 00
Total expenditures under above groups. ....	14,141. 63
Unexpended balance on June 30, 1910. ....	\$88. 37
Outstanding liabilities (estimated). ....	0. 00
Balance to be turned back in Treasury (estimated). ....	\$88. 37

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (Farmers' Institutes), \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hamilton, John. ....	Farmers' institute specialist, at \$2,250. ....	\$2,062. 50	\$462. 92
Crosby, D. J. ....	Farmers' institute specialist, at \$2,200. ....	1,100. 00	
Stedman, John M. ....	Assistant farmers' institute specialist, at \$1,800. ....	1,800. 00	
Howe, F. W. ....	Assistant in agricultural education, at \$1,600. ....	1,600. 00	389. 67
Bayliss, Kate P. ....	Clerk, at \$840. ....	147. 00	
Eddy, Grace M. ....	Stenographer and typewriter, at \$840. ....	88. 67	
Wilson, Jane C. ....	do. ....	350. 00	
Total. ....		7,148. 17	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Agricultural Experiment Stations, 1910 (Farmers' Institute), \$10,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Express.</i>	
Clarke Co., R. P.....	\$5. 00	Adams Express Co.....	\$10. 90
Shaw-Walker Co.....	45. 00	United States Express Co.....	1. 15
Siebert, John F.....	9. 60	Total.....	12. 05
United States Envelope Co.....	44. 98		
Total.....	104. 58	<i>Telegraph.</i>	
<i>Miscellaneous supplies, etc.</i>		Western Union Telegraph Co.....	
Contingent expenses, Department of			3. 86
Agriculture.....	1. 01	<i>Telephone.</i>	
Gatchel & Manning.....	3. 15	Chesapeake & Potomac Telephone Co.,	
Henderson, Irving.....	15. 00	The.....	
Moore Co.....	4. 00		. 10
Muth & Co., Geo. F.....	7. 25	<i>Apparatus, instruments, and laboratory</i>	
Smith, H. R.....	100. 00	<i>material.</i>	
Typewriter & Office Supply Co.....	47. 50	Eastman Kodak Co.....	
Underwood Typewriter Co.....	80. 00		4. 00
Vance, F. L.....	32. 25	Leese, M. A.....	
Total.....	290. 16		11. 20
<i>Furniture.</i>		Sheetz, W. Silas.....	
Derby Desk Co.....	19. 50		. 35
Gimbel, Ellis A.....	25. 70	Thompson & Co., A. T.....	
Lincoln, Fred S.....	23. 00		82. 00
Moses & Sons, W. B.....	279. 67	Total.....	97. 55
Yawman & Erbe Manufacturing Co.....	176. 01	<i>Travel and station and field expenses.</i>	
Total.....	523. 88	Crosby, D. J.....	
			584. 29
		Hamilton, John.....	
			462. 92
		Howe, F. W.....	
			389. 67
		Morse, E. W.....	
			40. 46
		Skeels, Homer C.....	
			3. 07
		Total.....	1, 480. 41

Total amount of appropriation..... \$10, 000. 00  
 Total expenditures under above groups..... 9, 660. 76

Unexpended balance on Aug. 31, 1910..... 339. 24  
 Outstanding liabilities (estimated)..... 153. 50

Balance to be turned back in Treasury (estimated)..... 185. 74

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "Nutrition investigations, 1910, \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Langworthy, C. F.....	Nutrition expert, at \$2,400.....	\$1, 200. 00	
Milner, R. D.....	Assistant, at \$2,000.....	2, 000. 00	\$108. 59
Atwater, Helen W.....	Expert, at \$125 per month.....	287. 50	
Hunt, Caroline.....	Expert, at \$100 per month.....	516. 67	
Clark, Samuel C.....	Scientific assistant, at \$1,400.....	1, 050. 00	
Garrety, Wm. P.....	Scientific assistant, at \$1,000.....	791. 67	2. 60
Wilson, Harry R.....	Messenger, at \$480.....	100. 00	
Total.....		5, 945. 84	



## OFFICE OF EXPERIMENT STATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Nutrition investigation, 1910, \$10,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight.</i>	
Lamb & Tilden.....	\$4.18	Knox Express Co., The Geo. W.....	\$0.50
Llyode, D. H.....	5.40	New York, New Haven & Hartford	
Morrison Paper Co., E.....	.75	R. R. Co.....	.45
Schmidt, Fred A.....	.68	Pennsylvania R. R. Co.....	1.60
Total.....	11.01	Total.....	2.55
<i>Miscellaneous supplies, etc.</i>		<i>Express.</i>	
American Dehydrating Co.....	2.70	Adams Express Co.....	16.89
Barber & Ross.....	2.15	United States Express Co.....	1.30
Bishop & Co., Platinum Works, J.....	47.98	Total.....	18.19
Connell, J. J.....	45.00	<i>Telegraph.</i>	
Contingent expenses, Department of		Western Union Telegraph Co.....	3.87
Agriculture.....	64.59	<i>Telephone.</i>	
Davol Rubber Co.....	45.70	Chesapeake & Potomac Telephone	
Douglas, W. H.....	3.00	Co., The.....	6.00
Driver-Harris Wire Co.....	1.01	<i>Apparatus, instruments, and labora-</i>	
Dulin & Martin.....	18.34	<i>tory material.</i>	
DuPerow, M.....	1.37	Baker Chemical Co., J. T.....	67.50
Espey, John B.....	4.94	Baker & Co.....	163.79
Estler & Son, T. W.....	35.93	Bausch & Lomb Optical Co.....	233.13
Hartig, Louis.....	.20	Deilite Manufacturing Co.....	45.00
Hoeke, W. H.....	7.20	Eastman Kodak Co.....	3.78
Keasby & Mathison Co.....	2.50	Feigul & Bro., M.....	.12
Lambie Co. (Inc.), James B.....	1.76	Flemer, Lewis.....	12.29
Livezey, John R.....	39.10	Gilman, Z. D.....	11.18
Metcalf Co., Theodore.....	1.40	Green, Henry J.....	84.00
Muddiman & Co., C. A.....	3.25	Greiner Co., Emil.....	36.35
Murphy Co. (Inc.), E. J.....	.40	Leeds & Northrup Co.....	324.45
Muth & Co., Geo. F.....	.47	Linde Air Products Co.....	117.00
National Electric Supply Co.....	23.46	Luthin, R. H.....	.55
Raub, S. C.....	7.20	Mackall Bros.....	42.12
Simplex Electric Heating Co.....	6.27	Mallinckrodt Chemical Works.....	.70
Union Iron Works.....	25.00	Muth Bros. & Co.....	.73
Washington Rubber Co.....	7.15	Perry, F. C.....	43.50
Whyte, Warren M.....	2.00	Sheetz, W. Silas.....	112.50
Woodward & Lothrop.....	2.25	Shoemaker & Busch.....	5.80
Total.....	402.32	Whyte, Warren M.....	1.25
<i>Furniture.</i>		Wilson-Maenlin Co.....	5.00
Derby Desk Co.....	77.50	Total.....	1,310.74
Dielite Manufacturing Co.....	2.50	<i>Travel and station and field expenses.</i>	
Gimbel, Ellis A.....	4.72	Garrety, Wm. P.....	2.60
Lansburgh Furniture & Carpet Co., J.....	3.00	Langworthy, C. F.....	92.65
Lincoln, Fred S.....	1.30	Milner, R. D.....	108.59
Moses & Sons, W. B.....	141.46	Total.....	203.84
Sargent Co., Geo. F.....	51.00		
Schmidt, O. H.....	131.00		
Total.....	412.48		

Total amount of appropriation.....	\$10,000.00
Total expenditures under above groups.....	8,316.84

Unexpended balance on Aug. 31, 1910.....	1,683.16
Outstanding liabilities (estimated).....	1,564.03

Balance to be turned back in Treasury (estimated).....	119.13
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## OFFICE OF EXPERIMENT STATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Irrigation investigations, 1910, \$75,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Fortier, S.	Chief of irrigation investigations, at \$3,000	\$3,000.00	\$818.92
Williams, Milo B.	Office engineer, at \$1,800.	1,800.00	1,317.50
Bixby, F. L.	Office engineer, at \$1,600.	933.33	118.04
Harden, Fred C.	Scientific assistant, at \$1,200.	900.00	451.53
Singleton, F. E.	Computer, at \$1,500.	1,800.00	
Teele, R. P.	Editorial assistant, at \$2,400, assistant chief of irrigation investigations and editorial assistant, at \$2,400.	1,900.00	
Huntington, Frank C.	Editorial assistant, at \$1,200.	1,200.00	
Ervin, Guy	Stenographer and typewriter, at \$1,200.	1,200.00	77.00
Barnhartt, Eva S.	Stenographer and typewriter, at \$840.	18.67	
Dunham, Marcia O.	do.	158.67	
Kendall, Shirley, E.	do.	224.00	
Stephens, Annie L.	do.	245.00	
Tallent, G. A.	Clerk at \$840 and draftsman, at \$840.	308.67	
Hoffman, G. L.	Messenger, at \$480.	120.00	
Whitlock, Harry T.	do.	306.67	
Total.		14,637.01	
<i>Out of Washington.</i>			
Roeding, F. W.	Irrigation manager, at \$2,250.	937.50	59.50
Jayne, S. O.	Irrigation manager, at \$2,000.	2,000.00	744.64
Rockwell, Wm. L.	do.	2,000.00	628.40
Bryant, O. W.	Irrigation manager, at \$1,800.	535.00	71.49
Gregory, William B.	Irrigation engineer, at \$7.50 per diem.	217.50	198.58
Fleming, Burton P.	Irrigation engineer, at \$2,000.	333.33	33.25
Stover, A. P.	Irrigation engineer, at \$2,000 and \$6 per diem.	1,825.50	431.50
Fuller, P. E.	Irrigation engineer, at \$1,800.	1,370.00	638.23
McLaughlin, W. W.	do.	1,800.00	174.40
Tait, C. E.	do.	1,800.00	481.76
Bark, Don H.	Irrigation engineer, at \$1,600.	1,600.00	890.12
Bixby, F. L.	Office engineer, at \$1,600.	666.67	
Harden, Fred G.	Office engineer, at \$1,200.	300.00	
Haskell, Chester G.	do.	1,200.00	629.22
Gordon, John H.	Irrigation farmer, at \$1,500; horse hire, \$360.	1,860.00	497.77
Krall, John, jr.	Irrigation farmer, at \$1,000.	1,000.00	177.60
Lauck, W. H.	do.	1,000.00	951.97
Hoff, Edward J.	Expert mechanician, at \$1,500.	1,500.00	
Cone, Victor M.	Scientific assistant, at \$1,500, and irrigation engineer, at \$1,500.	1,408.34	238.18
Robertson, Ralph D.	Scientific assistant, at \$1,000.	1,000.00	623.52
Murphy, Lee O.	Scientific assistant, at \$900.	262.50	332.20
Etcheverry, B. A.	Expert, at \$9 per diem.	252.00	
Adams, Frank.	Expert, at \$7.50 per diem and \$2,000.	658.33	722.46
Quayle, H. J.	Expert, at \$5 per diem.	125.00	
Johnston, A. F.	Agent and expert, at \$1,600.	1,600.00	94.15
True, Gordon H.	Agent and expert, at \$100 per month.	1,000.00	
Longstreth, J. W.	Agent, at \$5 per diem.	970.00	20.63
Moore, Harry I.	do.	175.00	
Mahoney, R. E.	Agent, at \$130 per month.	1,560.00	543.04
Fitterer, J. C.	Agent, at \$125 per month.	250.00	
Mitchell, George A.	Agent, at \$4 per diem.	200.00	
Torpen, Alex M.	do.	50.00	
Davidson, J. B.	Agent, at \$100 per month.	443.33	
Gieseker, Leonard F.	do.	250.00	
Noble, William H.	do.	400.00	
Peterson, Elvin L.	do.	100.00	
Thorp, Freeman	do.	400.00	
Wainwright, William	do.	333.33	494.34
Winsor, L. M.	do.	150.00	106.16
Barnes, Harry	Agent, at \$90 per month.	225.00	
Beckett, Samuel H.	do.	180.00	
Daly, Arthur Burton.	Agent, at \$80 per month.	120.00	
Fortier, Roy McLeay.	Agent, at \$75 per month, and agent, at \$90 per month.	297.00	353.85
Hemphill, R. G.	Agent, at \$75 per month.	900.00	422.33
Knapp, A. J.	do.	67.50	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Irrigation investigations, 1910, \$75,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stover, N. M.	Agent, at \$75 per month and \$80 per month.	\$259.33	\$47.15
Zundel, G. L.	Agent, at \$75 per month.	67.50	
Houge, Henry A.	Agent, at \$50 per month.	150.00	
Lawson, Angus	do.	550.00	
Anderson, Maude M.	Stenographer and typewriter, at \$840.	420.00	
Craig, Fred.	Levelman, at \$4 per diem.	9.50	
Wiley, T. J.	Laborer with team, at \$7.50 per diem.	67.50	
Kinzey, W. H.	Laborer with team, at \$3 per diem, and laborer, at \$1.50 per diem.	75.00	
Thomas, Gus.	Laborer with team, at \$3 per diem.	75.00	
Wentworth, M. R.	Laborer, at \$4.50 per diem.	18.00	
Reed, Chas. E.	Laborer, at \$3 per diem.	75.00	
Hochstrasser, M. T.	Laborer, at \$2.50 per diem.	50.00	
Pearson, James G.	do.	192.50	
Woods, T. B.	do.	50.00	
Kreigh, Claude W.	Laborer, at \$60 per month.	120.00	
Carpenter, John.	Laborer, at \$2 per diem.	50.00	
Fort, John P.	do.	60.00	
Scoates, Daniel.	Laborer, at \$1.60 per diem.	9.20	
White, Ross.	Laborer, at \$1.60 per diem and \$3 per diem and \$2 per diem.	52.60	
Bonner, James.	Laborer, at \$1.50 per diem.	39.00	
Burgess, Edward L.	do.	40.50	
Marshall, Pony.	Laborer, at \$1.25 per diem.	25.00	
Gramkow, Wm.	Mechanic, at 50 cents per hour.	5.50	
Total.		37,783.96	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$14.84	Briggs, Nelson O.	\$16.50
Ballantyne, R. Carter.	26.44	Brooks, A. A.	43.46
Boise Book & Music Co.	12.45	Butchart, C. D.	31.50
Contingent expenses, Department of Agriculture.	195.03	Camp, Chas.	11.85
Library Bureau.	21.60	Capital Traction Co.	10.00
Lincoln, Fred S.	7.00	Colorado Nursery Co.	7.00
Schmidt, Fred A.	9.64	Continental Oil Co.	98.74
Siebert, John F.	2.40	Contingent expenses, Department of Agriculture.	113.82
Students' Cooperative Society.	23.39	Cook Bros. Co.	114.05
Technical Supply Co.	3.20	Crane Co.	8.65
United States Envelope Co.	77.50	Cultivator Publishing Co.	1.00
Total.	393.49	Davis, J. W.	4.00
<i>Miscellaneous supplies, etc.</i>		Davis Lumber Co.	22.96
Akers, J. O.	3.55	Dinneen, W. E.	32.00
Aluminum Goods Manufacturing Co.	19.80	Electro Clock Co.	14.50
American Multigraph Sales Co.	496.50	Elliott, Jno. G.	40.00
Arp, J. H.	60.00	Elliott Company.	12.97
Atlas Portland Cement Co.	15.00	Engineering News Publishing Co.	10.00
Baltzley, Louis E.	6.00	Fairbanks, Morse & Co.	2.90
Barber & Ross.	20.60	Field & Farm.	2.00
Bascom-Porter Co.	112.50	Forbes, R. H.	300.00
Bates Machine Co.	6.00	Garrison Bros.	16.45
Black, P. J.	15.21	Gatchel & Manning.	17.50
Blocki Co., F.	11.19	General Electric Co.	27.75
Boise Gas Light Co. (Ltd.).	5.10	Gooding Seed & Feed Co.	15.92
Boston Gear Works.	3.74	Gramkow, Wm.	4.50
Bourne, W. A.	5.00	Gray Carriage Co., J. M.	4.00
		Harman Supply Co.	10.95
		Hayworth, J. H.	30.13
		Hendrie & Bolthoff.	121.74



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Irrigation investigations, 1910, \$75,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight.</i>	
Horsley & Son, J. R.	\$29.08	Chicago, Burlington & Quincy Ry.	\$0.86
Ideal Concrete Machinery Co.	13.50	Denver & Rio Grande R. R.	.78
International Harvester Co. of America.	158.75	Knox Express Co., The Geo. W.	.75
Irrigation Age Co.	2.00	Southern Pacific Co.	4.01
James, Francis.	244.03	Students Transfer Co.	1.50
Jenks & Son, W. S.	2.85	Total.	7.90
Johnston, A. P.	20.00		
Jones, G. W.	36.00	<i>Express.</i>	
Keith, C. W.	3.00	Adams Express Co.	64.69
Kellogg Switchboard & Supply Co.	8.72	United States Express Co.	2.89
Lawson, Robert.	37.50	Total.	67.58
Luitwieler Pumping Engine Co.	10.00		
McGraw Publishing Co.	3.00	<i>Telegraph.</i>	
Meece & Gollfried Co.	4.09	Postal Telegraph-Cable Co.	1.92
Mitchell, Lewis & Stover Co.	12.00	Western Union Telegraph Co.	40.82
Modesto Lumber Co.	11.29	Total.	42.74
Moore, John H.	3.19		
Moore Company.	45.00	<i>Telephone.</i>	
Munson Supply Co.	9.45	Chesapeake & Potomac Telephone Co., The.	6.00
Muth & Co., Geo. F.	48.25	Consolidated Telegraph, Telephone & Electric Co.	37.40
Morris-Peters Co.	50.00	Kinney, P. J.	10.00
Pacific Rural Press.	2.00	Rocky Mountain Bell Telephone Co.	20.90
Perry, C. H.	11.80	Southern Idaho Independent Tele- phone Co.	3.00
Pierce Seed & Produce Co.	51.35	Total.	77.30
Pioneer Seed Co.	3.65		
Pomona Manufacturing Co.	6.00	<i>Rent.</i>	
Pueblo Gas & Fuel Co.	35.00	Armstrong, Anderville P.	153.00
Reeves, C. E.	56.00	Hubbard, A. G.	300.00
Remington Typewriter Co.	161.00	Hutton, L. W.	240.00
Rifle Hydraulic Engine Co.	24.00	Warren Mercantile Co., F. E.	720.00
Roedel, Frank A.	21.07	Yates, John E.	144.00
Root Co., A. I.	12.70	Total.	1,557.00
Royal Typewriter Co.	58.50		
Seller Electrical Works, Paul.	2.70	<i>Apparatus, instruments, and labora- tory material.</i>	
Seth Thomas Clock Co.	42.00	Caire Co., Justinian.	7.75
Smith, Percy.	33.75	Chase, G. F. F.	15.00
Smith Bros.	5.75	Columbia Photo Supply Co.	10.84
Smith Premier Typewriter Co.	80.00	Denver Fire Clay Co.	10.10
Thiemeyer Co., J. H.	3.48	Eastman Kodak Co.	7.50
Thiemoing Mercantile Co.	75.01	Friez, Julian P.	155.00
Thomas Clock Co., Seth.	1.35	Green, Henry J.	7.65
Thomas Manufacturing Co.	20.00	Gurley, W. & L. E.	18.00
Tucker, C. W.	15.00	Iszard-Warren Co. (Inc.)	.48
Uber & Bros., Louis C.	1.00	Jenks & Son, W. S.	14.25
United Iron Works.	12.15	Kalm & Co., Henry.	22.65
United States Frame & Picture Co.	1.80	Myers, H. C.	42.85
Walford, D. N.	11.70	Queen & Co. (Inc.)	13.05
Western Lumber Co.	30.26	Schmidt, Fred A.	4.60
Westinghouse Electric & Manufactur- ing Co.	7.60	Sheetz, W. Silas.	99.35
White, B. F.	51.10	Taylor, Taylor & Hobson (Ltd.)	21.35
Whitelaw & Co.	242.84	Total.	450.42
Wiley & Sons, John.	3.00		
Wiley, T. J.	64.00	<i>Travel and station and field expenses.</i>	
Wolle, Lewis T.	5.00	Adams, Frank.	722.46
Woodward & Lothrop.	7.50	Bark, Don H.	890.12
Wright, O. E.	24.00	Bixby, Fred L.	118.04
Total.	3,866.90	Bryant, O. W.	71.49
		Cone, V. M.	238.18
<i>Furniture.</i>			
Burlingame, D. J.	35.00		
Derby Desk Co.	36.00		
Gimbel, Ellis A.	16.09		
Globe-Wernicke Co.	18.25		
Hoek, Wm. H.	41.50		
Lansburgh Furniture & Carpet Co., J.	7.06		
Lincoln, Fred S.	3.75		
Moses & Sons, W. B.	214.22		
Yawman & Erbe Manufacturing Co.	108.25		
Total.	480.12		

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Irrigation investigations, 1910, \$75,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.—</i> Continued.		<i>Travel and station and field expenses.—</i> Continued.	
Ervin, Guy.....	\$77.00	McLaughtin, W. W.....	\$174.40
Fleming, Burton P.....	33.25	Mahoney, R. E.....	543.04
Fortier, Roy McL.....	353.85	Murphy, Lee O.....	332.20
Fortier, Samuel.....	318.92	Robertson, R. D.....	623.52
Fuller, Paul E.....	638.23	Rockwell, Wm. L.....	628.40
Gordon, John H.....	497.77	Roeding, F. W.....	59.50
Gregory, W. B.....	141.38	Stover, A. P.....	431.50
Harden, F. G.....	451.53	Stover, N. M.....	47.15
Haskell, C. G.....	629.22	Tait, C. E.....	481.76
Hemphill, R. G.....	422.33	Wainwright, Wm. S.....	494.34
Jayne, S. O.....	744.64	Williams, M. B.....	1,317.50
Johnston, A. F.....	94.15	Winsor, L. M.....	106.16
Krall, John, Jr.....	177.60		
Lauck, W. H.....	951.97	Total.....	13,332.23
Longstreth, J. W.....	20.63		

Total amount of appropriation.....\$75,000.00  
Total expenditures under above groups.....72,696.65

Unexpended balance on Aug. 31, 1910.....2,303.35  
Repayments to credit of appropriation.....8.50

Net unexpended balance.....2,311.85  
Outstanding liabilities (estimated).....665.25

Balance to be turned back in Treasury (estimated).....1,646.60

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Drainage investigations, 1910, \$81,160."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Elliott, C. G.....	Chief of drainage investigations, at \$3,000.....	\$3,000.00	\$1,292.25
Wright, J. O.....	Supervising drainage engineer, at \$2,250.....	1,406.25	533.57
McEathron, W. J.....	Supervising drainage engineer, at \$2,000 and \$2,250.....	2,041.66	950.62
Morgan, A. E.....	Supervising drainage engineer, at \$2,000 and drainage engineer, at \$8 per diem.....	1,166.66	724.60
Kipp, H. A.....	Drainage engineer, at \$1,600 and \$2,000.....	1,133.34	720.75
Griffin, G. A.....	Assistant drainage engineer, at \$1,200.....	200.00	
Morehouse, A. D.....	Office engineer, at \$1,800 and \$2,200.....	1,866.67	
Marsden, R. D.....	Assistant office engineer, at \$1,200 and \$1,600.....	1,266.67	
Wade, Newton B.....	Assistant office engineer, at \$1,200.....	546.67	10.62
Pohlers, Geo. F.....	Draftsman, at \$1,800.....	1,800.00	
Artley, Harry B.....	Draftsman, at \$1,200.....	190.00	
Shekells, Mabel A.....	Clerk, at \$840.....	700.00	
Higgins, Virginia S.....	Stenographer and typewriter, at \$840.....	347.67	
Brightwell, M. D.....	Stenographer and typewriter, at \$720.....	278.00	
Bean, Somerville.....	Carpenter, at \$3.50 per diem.....	633.50	
Zoellner, Herman G.....	Gardener, at \$720.....	120.00	
Barnes, Henry.....	Unskilled laborer, at \$2 per diem.....	18.00	
Enos, James.....	do.....	18.00	
Jackson, Reuben.....	do.....	18.00	
Moss, Nathaniel.....	do.....	20.00	
Willis, N.....	do.....	20.00	
Mason, Henry.....	Unskilled laborer, at \$1.50 per diem.....	40.50	
Haskell, Max C.....	Messenger, at \$480.....	120.00	
Newman, Mary.....	Charwoman, at \$40 per month.....	140.00	
Total.....		17,091.59	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Drainage investigations, 1910, \$81,160"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Woodward, S. M. ....	Supervising drainage engineer, at \$9 per diem.	\$216.00	\$52.38
Morgan, A. E. ....	Supervising drainage engineer, at \$2,000 and \$8 per diem.	649.56	.....
Brown, C. F. ....	Drainage engineer, at \$6 per diem.	1,098.00	688.75
McCrory, Samuel H. ....	Drainage engineer, at \$1,600 and \$2,000.	1,666.67	1,195.58
Carpenter, J. C. ....	Drainage engineer, at \$1,200.	100.00	119.75
Cooper, Sidney W. ....	do.	233.33	141.65
Kelly, William A. ....	do.	156.67	168.65
Hall, Arthur G. ....	Assistant drainage engineer, at \$1,200.	156.67	59.32
Warren, George M. ....	Office engineer, at \$1,200, and assistant drainage engineer, at \$1,400.	1,233.34	867.05
Gregory, W. B. ....	Irrigation engineer, at \$7.50 per diem.	971.25	.....
Shaw, Arthur M. ....	Expert, at \$125 per month.	750.00	632.38
Hutton, Sidney. ....	Expert, at \$85 per month.	255.00	.....
Brunt, Harold C. ....	Agent, at \$100 per month.	263.33	.....
Elliott, Herman R. ....	do.	900.00	877.39
Wilkinson, John A. ....	do.	120.00	.....
Hidinger, L. L. ....	Scientific assistant, at \$1,600, and drainage engineer, at \$2,000.	1,666.67	1,141.23
Kipp, H. A. ....	Scientific assistant, at \$1,600.	533.33	.....
Miller, Dalton G. ....	Scientific assistant, at \$1,500, and drainage engineer, at \$1,800.	1,550.00	593.95
Baxter, Ora G. ....	Scientific assistant, at \$1,200, and drainage engineer, at \$1,600.	1,266.67	363.34
Boyd, Geo. R. ....	Scientific assistant, at \$1,200, and drainage engineer, at \$1,500.	1,250.00	651.91
Chadwick, E. Wallace. ....	Scientific assistant, at \$1,200.	270.00	185.50
Fairley, Omer. ....	do.	153.33	.....
Haswell, John R. ....	do.	266.67	105.71
Schlick, Wm. J. ....	do.	160.00	15.15
Shafer, Fred F. ....	Scientific assistant, at \$1,200, and drainage engineer, at \$1,600.	1,266.67	729.70
Weir, Walter W. ....	do.	1,266.67	881.59
Eason, Frank G. ....	Scientific assistant, at \$1,000, and drainage engineer, at \$1,400.	1,066.67	902.37
Jones, Lewis A. ....	do.	1,066.67	516.35
Phillips, James V. ....	do.	1,066.67	853.22
Yarnell, D. L. ....	do.	1,066.67	538.74
Bennett, C. W. ....	Collaborator, at \$25 per month.	167.50	.....
McArthur, James. ....	Collaborator, at \$5 per month.	25.00	.....
Hanna, Jane. ....	Clerk, at \$900.	525.00	.....
Hustedt, Herman. ....	Mechanic, at \$5 per diem and 50 cents per hour.	147.00	.....
Ryan, Edward P. ....	Plumber, at \$4 per diem.	526.00	.....
Farnsworth, Joe. ....	Carpenter, at \$2 per diem.	26.00	.....
Chambers, C. C. ....	Levelman, at \$90 per month and \$3.50 per diem.	454.75	6.45
Okey, C. W. ....	Levelman, at \$2.90 per diem, and assistant drainage engineer, at \$1,000.	987.04	702.90
Towl, Roy N. ....	Levelman, at \$2.50 per diem.	65.00	.....
Rogers, B. F. ....	Instrument man, at \$2.15 per diem.	175.45	.....
Eggers, Alfred. ....	Rodman, at \$2.50 per diem and 25 cents per hour.	23.50	.....
Chappel, Joe. ....	Rodman, at \$2.15 per diem.	43.00	.....
Earhart, Walter. ....	do.	49.45	.....
Grube, Ben. ....	do.	187.06	10.93
Hamilton, S. R. ....	do.	43.00	.....
Hirte, Carl. ....	Rodman, at \$2.15 per diem, and boatman, at \$2.15 per diem.	201.03	6.81
Miller, H. A. ....	Rodman, at \$2.15 per diem and \$2.70 per diem.	343.73	6.30
Beck, Martin H. ....	Rodman, at \$2 per diem.	10.00	.....
Graham, Wm. E. ....	do.	6.00	.....
Hart, Guy A. ....	do.	88.00	7.70
Burger, H. J. ....	Rodman, at \$1.95 per diem.	40.95	.....
Chappel, M. E. ....	do.	165.43	14.75
Cooper, Levi. ....	Rodman, at \$1.95 per diem and \$1.90 per diem.	120.40	.....
Cooper, L. B. ....	Rodman, at \$1.95 per diem.	31.20	.....
Crouch, E. P. ....	Rodman, at \$1.95 per diem, and levelman, at \$2.90 per diem.	370.85	.....
Davenport, A. ....	Rodman, at \$1.95 per diem.	51.35	.....
Elseffer, V. B. ....	do.	107.25	5.90
Fitzsimmons, L. E. ....	do.	29.25	.....
Holland, Jesse. ....	do.	72.15	12.70
Wood, E. H. ....	do.	29.25	.....
Entriken, H. G. ....	Rodman, at \$1.75 per diem.	36.75	.....



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Drainage investigations, 1910, \$81,160"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hocker, C. T.	Rodman, at \$1.75 and \$1.95 per diem.	\$31.50	
Sheely, Guy	do.	72.90	
Allen, W. C., Jr.	Rodman, at \$1.55 per diem	82.15	
Baucom, G. U., jr.	Rodman, at \$1.55 per diem and \$2.15 per diem	363.75	
Gleason, James	Rodman, at \$1.55 per diem	18.60	
Johnson, George	do.	15.50	
King, F. D.	do.	70.30	
McCullough, L. H.	do.	83.70	
White, E. A.	do.	122.45	
Woodley, Dallas	do.	40.30	
Yerby, E. D., jr.	Rodman, at \$1.55 per diem, and levelman, at \$2.90 per diem.	171.35	
Carter, Don	Treacher, at \$2 per diem	27.50	
Empey, Joseph	do.	26.50	
Empey, Wm.	do.	31.00	
Fullerton, Vernon	do.	29.00	
Lamb, George	do.	26.50	
Lamb, Minor	do.	25.00	
McAllister, Ralph	do.	23.50	
Mengel, Carl W.	Head chainman, at \$1.95 per diem, rodman, at \$1.95 per diem, and assistant drainage engineer, at \$1,200.	198.57	\$16.85
Overton, Chas.	Chainman, at \$1.55 per diem	13.95	
Bailey, Wm.	Axman, at \$2.15 per diem	48.37	
Comstock, W. M.	do.	41.93	
Allen, W. E.	Axman, at \$1.55 per diem	18.60	
Body, H. T.	do.	13.95	
Boone, J. A.	do.	18.60	
Bush, George M.	do.	145.70	3.55
Clager, Frank	do.	201.50	6.45
Coleman, Chester	do.	29.45	
Collier, Leory	do.	26.35	
Conrey, A. B.	do.	79.05	1.58
Davenport, Wm.	do.	40.30	
Davenport, W. A.	do.	31.00	
Dudley, C. G.	do.	35.65	
Ellenberger, A. C.	do.	110.05	
Forester, Robt. K.	do.	64.33	
Holland, J. C.	do.	150.40	
Kimmons, J. M.	do.	18.60	
Sugg, G.	Axman, at \$1.55 per diem, and rodman, at \$1.95 per diem.	351.43	19.75
Courtney, M. E.	Axman, at \$1.50 and \$1.55 per diem	101.70	
Duckett, T. H.	Axman, at \$1.50 per diem	53.75	
Hall, B. M.	do.	27.00	
Irwin, W. F.	do.	3.00	
Lindsey, Del.	do.	19.50	
Fout, Albert	Axman, at \$1 per diem	7.00	
McEathron, J. W.	do.	49.00	
Acker, Andrew	Laborer with team, at \$4 per diem	36.00	
Beetem, Chas.	do.	94.00	
Whitticar, S. A.	do.	92.00	
Davenport, W. H.	Laborer with team, at \$3.50 per diem	87.50	
Freeman, C. J.	do.	113.75	
Mason, W. A.	do.	157.50	
Michael, J. C.	do.	252.00	
Morris, Clair	do.	36.75	
Wells, W. A.	Laborer with team, at \$3.35 per diem	16.75	
Fout, C. M.	Laborer with team, at \$3 per diem	6.00	
Jennings, Emory	do.	18.00	
Brown, C. W.	Laborer, at \$2.50 per diem	50.00	
Davenport, N. B.	Laborer, at \$2, \$1, \$1.50, and \$1.25 per diem	371.75	
Miles, Ira	Laborer, at \$2 per diem	18.00	
Jeffress, Lenwood	Unskilled laborer, at \$1.50 per diem	4.50	
Hall, A. H.	Cook, at \$1.75 per diem	25.38	
McKee, Wayne S.	do.	80.50	
Owen, Epperson	Cook, at \$1.75 and \$2.15 per diem	210.20	
Taylor, J. G.	Cook, at \$1.75 per diem	229.25	
Banks, Merrill	Cook, at \$1.35 per diem	39.15	
McQuine, C. L.	Cook, at \$1 per diem	28.00	
Robinson, W. H.	do.	31.00	
Total		32,993.06	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Drainage investigations, 1910, \$81,160"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alteneder & Sons, Theo.....	\$31.28	Gold Medal Camp Furniture Manu- facturing Co.....	\$14.20
American Lead Pencil Co.....	15	Gondie, George.....	105.89
Andrews Paper Co., R. P.....	73.88	Goodrich Co., B. F.....	28
Ballantyne, R. Carter.....	98.80	Graham, L. G.....	14.00
Contingent expenses, Department of Agriculture.....	356.59	Grebe, L. D.....	11.50
Dixon Crucible Co., Joseph.....	20	Griffin Transfer & Storage Co.....	11.50
Kalamazoo Loose Leaf Binder Co.....	9.84	Hanes, C. S.....	167.50
Lamb & Tilden.....	7.83	Hill, W. C.....	53.96
Library Bureau.....	19.44	Hollingsworth & Figgins.....	21.65
Lincoln, Fred S.....	23.00	Huntington Lumber Co.....	51.86
Lindemeyr, Philip.....	6.50	Hurley, M. E.....	63.22
Morrison Paper Co., E.....	5.00	Inland Printing Co.....	6.50
Schmidt, Fred A.....	21.48	Johnson, S. A.....	12.00
Swayze, W. L.....	2.85	Jones & Jackman.....	10.09
Technical Supply Co.....	66.20	Joyce Engraving Co., The Maurice.....	50
Union Envelope Co.....	28.70	Kalamazoo Foundry & Machine Co.....	29.05
United States Envelope Co.....	73.04	Kellogg Switchboard & Supply Co.....	24.72
Universal Supply Co.....	2.43	Lambert Co., B. B. T. & A.....	2.50
Weeks Numan Co.....	.50	Lemcke & Buechner.....	38.03
Total.....	827.71	Lockett & Co. (Ltd.), A. M.....	5.75
<i>Miscellaneous supplies, etc.</i>		McFarland & Son.....	48.77
Aloe Co., A. S.....	1.74	Marshall & Co., S. M.....	60.47
Baker & Lockwood Manufacturing Co.....	29.14	Martin Bros.....	127.47
Ballard-Moore Drug Co.....	46.88	Mason, W. A.....	34.00
Barber & Ross.....	.60	Mathews & Mathews.....	18.45
Barron & Pereau.....	46.57	Mikes Bros.....	20.90
Barton, G. R.....	15.00	Millard County Lumber Co.....	5.34
Barton & Terrill.....	184.75	Minnix Co. (Inc.), N. M.....	2.25
Becker's Leather Goods Co.....	7.50	Missouri Tent & Awning Co.....	26.15
Bedell Manufacturing Co.....	1.63	Moak, W. E.....	86.00
Belt & Dyer.....	.75	Monarch Typewriter Co.....	6.26
Berger & Sons, C. L.....	1.50	Munson Supply Co.....	3.15
Bicknell, R. E.....	3.50	Murphy Co. (Inc.), E. J.....	4.00
Blue Barn Livery.....	18.00	Muth & Co., Geo. F.....	21.57
Blum Bros.....	25.51	Muth & Co., Geo. F.....	181.76
Brinkerhoff, Jesse.....	68.75	National Railway Publication Co.....	8.00
Buckley, John W.....	3.00	Nawrath, J. P.....	4.80
Burton & Son, R. C. M.....	51.00	Nichols, J. B.....	42.50
Calkins & Whipple.....	467.50	Oasis Cash Store.....	6.60
Cascade Livery Stables.....	46.80	O'Donnell, Jas.....	.60
Catchpole, D. J.....	11.60	Oklahoma Sporting Goods Co.....	6.00
Central Meat Market.....	18.91	Oklmulgee Ice & Light Co.....	6.18
Chicago Steel Tape Co.....	5.20	Omaha Tent & Awning Co.....	5.75
Clarke Co., R. P.....	1.98	Overstreet, G. W.....	13.00
Cohn, C.....	17.25	Peck Bros.....	42.15
Collins & Co.....	28.27	Pembroke Stationery Co.....	15.00
Conklin, Grinim & Co.....	25.70	Pollman, C. Ed.....	23.75
Contingent expenses, Department of Agriculture.....	592.75	Post Office Department.....	1.60
Copeland Co., M. G.....	20.61	Rankin, John C.....	10.75
Davis Mercantile Co.....	4.35	Remington Typewriter Co.....	328.51
Day, David.....	34.40	Rich, C. J.....	3.00
Delp & Sons, Chas. H.....	7.50	Robbins & Myers Co.....	84.20
Dierks Lumber & Coal Co.....	3.90	Rudolph & West Co.....	2.88
Dreifus & Sons, J.....	4.20	Selle & Co., H. W.....	2.72
Du Bois Amos.....	3.50	Sharp Grocery Co.....	162.20
Dulin & Martin Co.....	.91	Shilling, Geo.....	34.00
Elliott, John G.....	20.00	Sloane, W. & J.....	36.02
Espey, John B.....	1.35	Smith, Chas.....	15.89
Farnsworth, Joe, jr.....	28.00	Smith & Miller.....	6.00
Farnsworth, R. J., jr.....	34.50	Snell, J. F.....	75.00
Fessinger, Otto.....	8.85	Snell & Co.....	31.79
Finch, C. O.....	84.76	Somberg, Abe.....	12.50
Fleming, H. M.....	166.58	Somerville Co., Thos.....	2.30
Freeman, F.....	15.17	Spangler & Co.....	31.96
Fullerton Lumber Co.....	7.05	Spruill, Henry L.....	40.65
General Land Office.....	34.00	Starr, J. W.....	5.75
Gladney, W. G.....	127.50	Swain & High.....	3.00
Gleason, Horace.....	50.00	Thiemeyer Co., J. H.....	11.06
		Topham, James S.....	2.00
		Typewriter & Office Supply Co.....	95.00
		Underwood Typewriter Co.....	170.00
		Walker, A. G.....	212.11

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "Drainage investigations, 1910, \$81,160"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent.</i>	
War Department.....	\$521.83	Schiesswohl, J. H.....	\$180.00
White, A. B.....	117.60	<i>Apparatus, instruments, and laboratory material.</i>	
Whitehead & Son, A. R.....	10.75	Eastman Kodak Co.....	39.65
Wilgue Mercantile Co.....	55.85	Gurley, W. & L. E.....	150.51
Winder & Tansey.....	5.00	Leese, M. A.....	20.95
Wood, W. T.....	49.53	Pullman, E. J.....	4.40
Woodward & Lothrop.....	6.45	Schmidt, Fred A.....	4.18
Wright, H. T.....	25.10	Thomas Co., A. H.....	43.57
Total.....	6,018.58	Total.....	263.26
<i>Furniture.</i>		<i>Travel and station and field expenses.</i>	
Burlingame, D. J.....	35.00	Baxter, Ora G.....	363.34
Derby Desk Co.....	119.00	Boyd, Geo. R.....	651.91
Gimbel, Ellis A.....	2.90	Brown, C. F.....	688.75
Globe-Wernicke Co.....	53.32	Bush, G.....	3.55
Hoeke, Wm. H.....	38.00	Carpenter, J. C.....	119.75
Lincoln, Fred S.....	78.25	Chadwick, E. Wallace.....	185.50
Moses & Sons, W. B.....	147.53	Chambers, C. C.....	6.45
Schmidt, O. H.....	24.00	Chappel, M. E.....	14.75
Shaw-Walker Co., The.....	8.00	Clager, F. A.....	6.45
Woodward & Lothrop.....	8.00	Conrey, A. B.....	1.58
Yawman & Erbe Manufacturing Co.....	61.66	Cooper, Sidney W.....	141.65
Total.....	575.66	Eason, Frank G.....	902.37
<i>Freight.</i>		Elliott, C. G.....	1,292.25
Atchison, Topeka & Santa Fe Ry.....	2.34	Elliott, Herman R.....	877.39
Baltimore & Ohio R. R.....	.90	Elseffer, V. B.....	5.90
Chicago, Burlington & Quincy Ry.....	2.40	Gregory, W. B.....	57.20
Delaware & Hudson Co.....	.59	Grube, Ben.....	10.93
Denver & Rio Grande R. R.....	8.35	Hall, A. G.....	59.32
Florida East Coast Ry. Co.....	8.90	Hart, G. A.....	7.70
Knox Express Co., The Geo. W.....	2.00	Hart, R. A.....	44.25
Missouri Pacific Ry. Co.....	15.10	Haswell, J. R.....	105.71
New York Central & Hudson River R. R.....	.45	Hidinger, L. L.....	1,141.23
Norfolk & Southern R. R. Co.....	7.27	Hirte, Carl.....	6.81
Norfolk & Washington Steamboat Co.....	.78	Holland, J.....	12.70
Pennsylvania R. R. Co.....	.45	Jones, Lewis A.....	516.35
St. Louis & San Francisco R. R. Co.....	10.93	Kelly, W. A.....	168.65
Southern Ry. Co.....	2.27	Kipp, H. A.....	720.75
Total.....	62.73	McGrory, S. H.....	1,195.58
<i>Express.</i>		McEathron, W. J.....	950.62
Adams Express Co.....	189.64	Mengel, C. W.....	16.85
United States Express Co.....	47.02	Miller, D. G.....	593.95
Wells, Fargo & Co.'s Express.....	4.50	Miller, H. A.....	6.30
Total.....	241.16	Morgan, A. E.....	724.60
<i>Telegraph.</i>		Okey, Chas. W.....	702.90
Postal Telegraph-Cable Co.....	5.57	Phillips, James V.....	853.22
Western Union Telegraph Co.....	47.84	Schlick, Wm. J.....	15.15
Total.....	53.41	Shafer, Fred F.....	729.70
<i>Telephone.</i>		Shaw, A. M.....	632.38
Chesapeake & Potomac Telephone Co., The.....	6.55	Sugg, G.....	19.75
		Wade, Newton B.....	10.62
		Warren, Geo. M.....	867.05
		Weir, Walter W.....	881.59
		Williams, L. S.....	33.73
		Woodward, S. M.....	52.83
		Wright, J. O.....	533.57
		Yarnell, D. L.....	538.74
		Total.....	17,472.32

Total amount of appropriation.....	\$81,160.00
Total expenditures under above groups.....	75,786.03
Unexpended balance on Aug. 31, 1910.....	5,373.97
Repayments to credit of appropriation.....	3.57
Net unexpended balance.....	5,377.54
Outstanding liabilities (estimated).....	313.45
Balance to be turned back in Treasury (estimated).....	5,064.09



## OFFICE OF EXPERIMENT STATIONS—Continued.

## RECAPITULATION.

Statutory salaries.....	\$39,103.87
Lump-fund salaries—	
In Washington.....	73,299.63
Outside of Washington.....	140,893.18
Stationery.....	2,140.23
Miscellaneous supplies and services, equipment, books, machinery, etc.....	34,958.07
Furniture.....	2,923.35
Fuel.....	8.50
Freight.....	1,671.95
Express.....	380.16
Telegraph.....	220.45
Telephone.....	181.46
Rent.....	2,421.66
Gas and electricity.....	98.25
Apparatus, instruments, and laboratory material.....	3,777.50
Travel and station and field expenses.....	38,864.14
Total for entire Office of Experiment Stations.....	340,942.40
Total amount of appropriations, less \$720,000 for State experiment colleges disbursed by Treasury, and including \$7,506.28 received from sales of products in the Insular Stations.....	356,726.28
Total expenditures as above.....	340,942.40
Unexpended balance on Aug. 31, 1910.....	15,783.88
Repayments to credit of appropriations.....	12.07
Net unexpended balance.....	15,795.95
Of this amount there was available for disbursement until used.....	692.80
Balance.....	15,103.15
Outstanding liabilities (estimated).....	6,663.39
Balance to be turned back in Treasury (estimated).....	8,439.76

## PROJECTS.

The principal projects conducted by the Office of Experiment Stations during the fiscal year ended June 30, 1910, were as follows, with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

*Office of Experiment Stations, 1910.*

Salaries, statutory.....	\$39,260.00
Salaries paid.....	\$39,103.87
Unexpended balance.....	156.13
Total.....	39,260.00

*Agricultural experiment stations, 1910.*

Supervision of the work and expenditures of 56 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, Porto Rico, and Island of Guam, and promotion of their general interests, the preparation of 88 publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world and 800 cards of index of experiment-station literature; preparation of 7,048 summaries of the reports of agricultural investigations made by the agricultural experiment stations and kindred institutions in the United States and over 50 other countries, in order to give prompt information regarding such investigations to the workers in similar lines in this department and the agricultural experiment stations and to teachers and students in the agricultural colleges and schools. This information is published monthly in the Experiment Station Record. This journal also contains articles suggesting lines of work for the stations and advice regarding their work and management, as provided for in section 3 of the act of Congress of Mar. 2, 1887.....		34,800.00
Total expenditures to Aug. 31, 1910, including outstanding liabilities.....	\$34,420.30	
Balance to be turned back in Treasury (estimated).....	379.70	
Total.....	34,800.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

## INSULAR STATIONS.

*Agricultural experiment stations, Alaska, 1910.*

Maintenance of a central experiment station and four branch stations to investigate the agricultural and horticultural resources of Alaska, development of animal industry, dairying, etc., introduction of live stock for experimental purposes.....	\$28,000.00
Total expenditures to June 30, 1910, including outstanding liabilities.....	\$27,995.00
Balance to be turned back in Treasury (estimated).....	5.00
Total.....	28,000.00

*Agricultural experiment stations, Hawaii, 1910.*

Maintenance of an experiment station at which studies are made on diversified agriculture with reference to the peculiar needs of the country and scientific investigations in agronomy, chemistry, entomology, horticulture, etc.....	28,000.00
Total expenditures to June 30, 1910, including outstanding liabilities.....	\$27,975.00
Balance to be turned back in Treasury (estimated).....	25.00
Total.....	28,000.00

*Agricultural experiment stations, Porto Rico, 1910.*

Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, coffee culture, and scientific investigations along various lines of agriculture.....	28,000.00
Total expenditures to June 30, 1910, including outstanding liabilities.....	\$28,000.00
Total.....	28,000.00

*Agricultural experiment stations, Guam, 1910.*

For investigating and reporting to Congress on the agricultural resources and capabilities of Guam, with special reference to the location of an agricultural experiment station, and the determination of the character and extent of agricultural experiments immediately demanded by the agriculture of the island.....	15,000.00
Total expenditures to June 30, 1910.....	\$14,141.63
Balance to be turned back in Treasury.....	858.37
Total.....	15,000.00

*Farmers' institutes, 1910.*

For investigating and reporting upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice.....	10,000.00
Total expenditures to Aug. 31, 1910, including outstanding liabilities.....	\$9,814.26
Balance to be turned back in Treasury (estimated).....	185.74
Total.....	10,000.00

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Nutrition investigations, 1910.*

For investigating and reporting upon the nutritive value of agricultural products used for human food, with special attention to plans and methods for the more effective utilization of such products for this purpose, in cooperation with other bureaus of the department.....		\$10,000.00
Total expenditures to Aug. 31, 1910, including outstanding liabilities.....	\$9,880.87	
Balance to be turned back in Treasury (estimated).....	119.13	
Total.....	10,000.00	

*Irrigation investigations, 1910.*

Arid States (in general).....	5,266.21
Arizona.....	3,102.90
California.....	7,373.59
Colorado.....	4,712.17
Humid States (in general).....	3,790.42
Idaho.....	4,507.12
Iowa.....	400.00
Kansas.....	998.38
Louisiana, Texas, and Arkansas (rice).....	3,017.71
Minnesota.....	400.00
Montana.....	440.00
Nevada.....	1,000.00
New Jersey.....	200.00
New Mexico.....	1,677.76
North Dakota.....	150.00
Oregon.....	2,926.19
Texas.....	2,710.83
Utah.....	2,364.56
Washington.....	3,133.44
Wyoming.....	8,788.56
	<hr/>
	56,959.84

## IRRIGATION INVESTIGATIONS.

*On the use of water in irrigation and technical investigations.*

Arid States (in general): Collection, collation, and preparation for publication of information relating to the preparation of land for irrigation; laying out and building farm ditches; construction of farm reservoirs; use of windmills for supplying water for irrigation; and the application of water to crops usually grown in these regions, such as alfalfa, potatoes, sugar beets, grains, etc. ....	5,266.21
Arizona: Studies of irrigation practice and methods of improvement. ....	3,102.90
California: Studies of irrigation conditions in various parts of the State; demonstration in the adaptation of methods to crops and soils; experiments to determine the extent of evaporation losses and the effectiveness of methods of checking them; experiments with canal linings; maintenance of Pacific coast headquarters. ....	7,373.59
Colorado: Comparison of results of irrigation of orchards under practice common to this section with Pacific coast methods to determine whether equally good results may be obtained with less water than is now commonly used; experiments in the application of water to sugar beets by different methods and comparison with the general practice in this section, together with different degrees of cultivation after irrigation to determine the effect upon the quantity of water needed by the crops ( <i>see also</i> Irrigation extension). ....	1,750.40
Humid States (in general): Studies of irrigation practice throughout the humid sections of the United States, and experiments testing the value of different methods of applying water to truck and other crops. ....	3,790.42



## OFFICE OF EXPERIMENT STATIONS—Continued.

Idaho: Studies of methods of bringing new land under cultivation and quantities of water required; determination of the effect of using different quantities of water applied by different methods; determination of best methods of preparing land for irrigation, and applying water to crops; experiments to determine extent of evaporation losses and effectiveness of methods of preventing them.....	\$4, 507. 12
Iowa: Experiments to determine the value of irrigation in the humid region; in sewage irrigation; with cement tile subirrigation.....	400. 00
Kansas: Studies of methods of applying water to crops and of pumping water for irrigation; experiments in winter irrigation to determine the practicability of applying water only during the winter and spring when the water supply is ample.....	999. 38
Louisiana, Texas, and Arkansas: Rice. Measurement of quantities of water used in irrigating rice; studies of irrigation practice in rice growing and pumping water for irrigation.....	3, 017. 71
Minnesota: Experiments in pumping water from swamped areas and applying it to uplands for the improvement of both.....	400. 00
Montana: Experiments to determine the losses of water from irrigated lands by evaporation and the efficiency of methods of preventing these losses.....	440. 00
Nevada: Experiments to determine the losses of water from irrigated lands and methods of checking these losses, and studies of irrigation practice..	1, 000. 00
New Jersey: Experiments to determine the practicability of irrigation...	200. 00
New Mexico: Experiments to determine the losses of water from irrigated lands by evaporation and methods of preventing these losses, and studies of irrigation practice.....	1, 677. 76
North Dakota: Experiments to determine the losses from irrigated lands by evaporation, and methods of preventing these losses.....	150. 00
Oregon: Investigations and experiments to determine the practicability of irrigation during the dry summer months in the Willamette and Rogue River Valleys and investigations of irrigation practice in eastern Oregon.	2, 926. 19
Texas: Studies of irrigation practice and the collection of information regarding agricultural conditions on the irrigated sections.....	2, 710. 83
Utah: Studies of irrigation practice throughout the State, and experiments to determine the quantities of water giving the best results.....	2, 364. 56
Washington: Studies of irrigation practice throughout the State, and experiments to determine the losses of water from irrigated lands by evaporation, and methods of preventing them.....	3, 133. 44
Wyoming: Soil moisture determination ( <i>see also</i> Irrigation extension)....	250. 00
Total.....	45, 460. 51

*On irrigation extension.*

Experiments to determine the practicability of irrigation in sections where it has not been practiced generally, chiefly in the semiarid plains where river water is not available, the work including studies of the possibilities and cost of securing water supplies by pumping with different kinds of water power and different types of pumps and by storing storm waters; studies of the methods of applying water in order to secure the largest use of the small supply available. These studies will be carried on principally at stations established for that purpose:

Cheyenne, Wyo.....	\$3, 460. 44
Newcastle, Wyo.....	2, 554. 93
Eads, Colo.....	2, 961. 77

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 8, 977. 14

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Aid and advice to settlers.*

Very large areas have been brought under canal during the past few years, and these are being settled by farmers who are unfamiliar with irrigation. Aid is being extended to these settlers by personal advice, supplemented very largely by the publication of bulletins on practical methods of bringing new land under irrigation and of applying water to crops; information regarding the opportunities for settlement and conditions to be met is being supplied also by means of bulletins. (Cost included in arid States.)

General planning and supervision of irrigation investigations throughout the United States; preparation of reports; drafting and other work on illustrations; correspondence with field agents and the public; purchase of field instruments, accessories, etc.....	\$7, 751. 92
Maintenance of central supply station and headquarters for irrigation extension work, Cheyenne, Wyo.....	2, 523. 19
Maintenance of instrument repair shop and meter-rating station, Berkeley, Cal.....	1, 697. 19
Miscellaneous supplies, apparatus, furniture, etc.....	6, 943. 45
	<hr/>
	73, 353. 40
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Total:	
On use of water in irrigation.....	45, 460. 51
On irrigation extension.....	8, 977. 14
General supervision, preparation of reports, etc.....	7, 751. 92
Maintenance of headquarters, irrigation extension work, etc.....	2, 523. 19
Maintenance of repair shop and meter-rating station.....	1, 697. 19
Miscellaneous supplies, etc.....	6, 943. 45
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Total.....	73, 353. 40
Appropriation.....	75, 000. 00
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Balance Aug. 31, 1910, to be turned back in Treasury.....	1, 646. 60

*Drainage investigations, 1910.*

Arkansas.....	5, 707. 13
Atlantic Coast States (in general).....	1, 753. 78
California.....	110. 10
Colorado.....	5, 631. 32
Delaware and Maryland.....	413. 45
Florida.....	386. 50
Illinois.....	310. 93
Indiana (included under special scientific investigations).....	
Iowa.....	3, 715. 15
Kansas.....	8, 355. 67
Kentucky.....	364. 04
Louisiana.....	5, 549. 26
Mississippi.....	1, 233. 34
Nebraska.....	3, 244. 21
New Mexico.....	391. 63
North Carolina.....	7, 930. 68
North Dakota (included under special scientific investigations).....	
Oklahoma.....	4, 142. 42
Oregon.....	76. 65
South Carolina.....	306. 37
Texas.....	1, 744. 46
Utah.....	3, 203. 33
Virginia.....	672. 32
Wyoming.....	320. 00
Advisory and consulting work and special scientific investigations.....	8, 752. 34
	<hr/>
	64, 315. 08

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Drainage investigations.*

Arkansas: For extending the surveys for the drainage of the lands in the St. Francis Basin as a whole and for determining the drainage units into which it should be divided; to determine the size of the ditches which should be employed; to assist local engineers and county drainage authorities in planning and directing the work; preliminary drainage surveys in parts of the State where questions arise among landowners regarding the feasibility of contemplated drainage work; examination of natural drainage streams and recommendations as to how they may be most effectually improved and the cost of the work required and the preliminary examination of 20,000 acres of overflowed land in Independence County.....	\$5, 707. 13
Atlantic Coast States (in general): Examination of coast dikes, sluices, and gates required for the protection of tidal lands which may be made suitable for agriculture; determination of the cause of their failure and cost of stable structures; experiments with automatic sluice gates.....	1, 753. 78
California: Development of plans for the organized drainage of lands in the Fresno and Turlock districts where both pumping and gravity drainage is required.....	110. 10
Colorado: Continuation of the investigations to ascertain practical methods for reclaiming seeped lands in the valleys of the Grand and Gunnison Rivers and the San Luis Valley which are seriously injured by over-irrigation and alkali, and preparation of drainage plans for landowners based upon the results of experiments and successful practice upon lands of similar character.....	5, 631. 32
Delaware and Maryland: Examination of tidal lands suitable for agriculture.....	413. 45
Florida: Field determination of drainage properties and water content of muck and turf soil which may be drained for agriculture, particularly in the Kissimmee Valley and in the Everglades region.....	386. 50
Illinois: Studies of the effect upon the lower valley lands of the extension district and farm drainage systems which have been in operation for a number of years; continuing the collection of data of run-off from drained areas of various dimensions, and classification and compilation of such information; drainage survey to determine the best method of improving the Kaskaskia River lands.....	310. 93
Indiana: Run-off from drained areas (included under Special scientific investigations).	
Iowa: Examination of drainage districts in Hancock, Kossuth, Palo Alto, Pocahontas, and Carroll Counties, and of levee and pumping districts along the Mississippi River to secure data for use in the consideration of State drainage problems.....	3, 715. 15
Kansas: Determination of the value of tile drainage for the lands of southeastern Kansas, investigations to be carried on in cooperation with farmers; drainage surveys to determine the best plan for preventing the overflow of about 80,000 acres in the valley of the Marais des Cygnes lying in Osage, Franklin, Miami, and Linn Counties, and improving the Little Caney River to prevent overflows and provide an outlet for drainage of the adjacent lands.....	8, 355. 67
Kentucky: Drainage survey of selected tract for purpose of preparing plans for experimental drainage system.....	364. 04
Louisiana: Determination of the cost of securing better drainage by opening and cleaning natural bayous in the northern part of the State and whether benefits secured will justify the expense, special localities to be examined; continuation of run-off investigations and collection of information concerning conditions affecting maintenance of ditches and methods of doing the work and the cost of drainage work.....	5, 549. 26
Mississippi: Examination and development of plans for the drainage of areas in Sunflower and Holmes Counties, and for testing the efficiency of underdrains in Warren and Holmes Counties; completion of the drainage survey and plans for the improvement of the Tuscumbia River.	1, 233. 34



## OFFICE OF EXPERIMENT STATIONS—Continued.

Nebraska: Surveys and plans for a general drainage system in Holt County and advisory assistance to drainage commissioners in carrying out the projects for which plans were made by this office in 1909; completion of drainage surveys and plans for the relief of lands along Salt and Wahoo Creeks; drainage survey to determine the best plan to prevent overflow of the Nehama River in Pawnee County.....	\$3, 244. 21
New Mexico: Investigation of seeped and alkali-injured farm lands to ascertain the best method of reclamation.....	391. 63
North Carolina: Examination and plans for the drainage of portions of Robeson and Bladen Counties, and for assisting the people in carrying out the plans prepared by this office in 1909; continuation of the drainage surveys and preparation of the plans for drainage about Lake Phelps and Pantego Creek; survey and plan for improvement of Pungo River to furnish an outlet for the Pungo drainage district; survey to determine a practical plan for reclaiming and permanently protecting the overflowed lands of the Roanoke River Valley between Halifax and the coast; survey and plan of drainage for Lyon Swamp to reclaim about 10,000 acres of swamp and overflowed lands in Bladen County; preliminary examinations of Belvidere Swamp in Perquimans County, and the wet lands in Richland Township, Beaufort County, and the lands requiring drainage in Pasquotank County with Little River as an outlet.....	7, 930. 68
North Dakota: Included under "Special scientific investigations."	
Oklahoma: Drainage survey and plans for the proposed improvement of the Dry Fork and Deep Fork Rivers by means of straightening, channel cleaning, etc., to protect agricultural bottom lands from overflow.....	4, 142. 42
Oregon: Determination of value of tile drainage in reclaiming worn-out and "water-logged" wheat lands in Willamette Valley.....	76. 65
South Carolina: Meander of Cedar Creek to determine approximate cost of providing drainage for swampy creeks, vicinity Hopkins.....	306. 37
Texas: Investigations in the Brownsville district to ascertain methods that should be used in draining irrigated lands used for growing sugar cane; preparation of drainage plans for various ranch owners in southern and southwestern Texas; computations, plans, and reports upon the Chambers Creek drainage district in vicinity of Waxahachie.....	1, 744. 46
Utah: Cooperative work with farmers in draining saturated and alkaline irrigated land and experiments with different materials for drains; topographic drainage survey of portion of Millard County and plans for its reclamation and future protection from seepage and alkali; continuation of the St. George and Huntington drainage experiments; drainage district surveys and plans in Utah, Sevier, and Davis Counties; experiments in laboratory and field to determine the effect of alkali on cement tile.....	3, 203. 33
Virginia: Investigation of the lands of the Dismal Swamp with reference to their drainage and examination of a part of the coastal lands of the State; Plans for drainage of Cumberland Farm near Grassfield, Norfolk, Va.....	672. 32
Wyoming: Cooperation with farmers of irrigated land in the Big Horn Basin in planning drainage ditches for seeped lands.....	320. 00
	<hr/> 55, 562. 74
Advisory and consulting work and special scientific investigations: Examinations upon request of engineers and drainage boards of proposed drainage plans and advisory reports upon the same; consultation with State committees upon drainage policies and laws and feasibility of large drainage improvements, plans for which are in the hands of special local engineers; investigations relating to run-off to be provided for in different climates and different kinds of lands; effect of under-drains of different kinds and in different soils upon the water content; of the use of cement drain tile; lectures, addresses, and written articles for the dissemination of popular information upon the subject.....	8, 752. 34

## OFFICE OF EXPERIMENT STATIONS—Continued.

General planning and supervision of drainage investigations throughout the United States; preparation of reports; drafting and other work on illustrations; correspondence with field agents and the public; purchase of field instruments and accessories, etc.....		\$3, 551. 77
Miscellaneous supplies, apparatus, furniture, etc.....		8, 229. 06
Total.....		76, 095. 91
Total:		
On drainage field investigations.....		55, 562. 74
Advisory and consulting work and special scientific investigations...		8, 752. 34
General supervision, preparation of reports, etc.....		3, 551. 77
Miscellaneous supplies, etc.....		8, 229. 06
Total.....		76, 095. 91
Appropriation.....		81, 160. 00
Balance Aug. 31, 1910, to be turned back in Treasury.....		5, 064. 09

## OFFICE OF PUBLIC ROADS.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"Salaries, Office of Public Roads, 1910, \$16,460."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Page, L. W.....	Director, at \$3,000.....	\$3, 000. 00	\$574. 71
Wyatt, W. Carl.....	Chief clerk, at \$1,600.....	1, 600. 00	
Coleman, Lucie J.....	Clerk, class one.....	80. 00	
Lumpkin, Alice I.....		550. 00	28. 13
Robey, E. R.....	.....do.....	563. 33	
Davies, Alice L.....	.....do.....	1, 200. 00	
Francis, Grace.....	.....do.....	1, 200. 00	
Hansen, L.....	.....do.....	1, 200. 00	
Dryer, Bernice A.....	Clerk, at \$1,000.....	1, 000. 00	
Passe, Deme.....	.....do.....	1, 000. 00	
Pierce, Anna L.....	.....do.....	1, 000. 00	
Wells, E. M.....	.....do.....	1, 000. 00	
Bechtold, John M.....	Clerk, at \$900.....	897. 50	
Grant, William.....	Laborer, at \$600.....	200. 00	
Holder, Herbert.....		400. 00	
Turner, Edward.....	.....do.....	600. 00	
Carroll, Louis W.....	Messenger, at \$600.....	175. 00	. 85
Grant, William.....		400. 00	
Chapman, John H.....	Messenger boy, at \$360.....	360. 00	
Total.....		16, 425. 83	

Total amount of above appropriation.....	\$16, 460. 00
Total amount paid for salaries.....	16, 425. 83
Unexpended balance.....	34. 17

## OFFICE OF PUBLIC ROADS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
"General expenses, Office of Public Roads, 1910 (road management), \$18,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Pennybacker, J. E., jr.	Chief of road management, at \$2,000.	\$2,000.00	\$362.26
Eberly, Virgil A.	Civil engineer student, at \$720.	132.00	60.60
Pratt, Avery J.	do	22.00	
Patterson, Harry W.	do	30.00	
James, Edwin W.	Highway engineer, at \$1,800.	205.00	12.58
Moorefield, Chas. H.	Highway engineer, at \$1,500.	125.00	48.15
Anderson, Andrew P.	Highway engineer, at \$1,224.	204.00	220.60
Martin, Randolph	Junior highway engineer, at \$1,080.	90.00	366.53
Eldridge, M. O.	Senior assistant in road management, at \$1,800.	1,800.00	1,254.98
Hoyt, Charles H.	Superintendent of road construction, at \$7 per diem.	357.00	799.16
Ward, Walter J.	Superintendent of road construction, at \$5 per diem.	385.00	103.40
Boykin, L. E.	Expert, at \$1,500.	1,500.00	811.19
Draper, Clifton N.	Assistant chemist, at \$1,400.	583.34	
Block, Edward	Photographer, at \$1,000.	333.33	.80
Rutley, George H.	Instrument maker, at \$100 per month.	233.33	
Sniffin, W. W.	Junior clerk, at \$1,320.	440.00	
Robey, Edgar R.	Clerk, stenographer, and typewriter, at \$1,200.	636.67	
Coleman, Lucie J.	Clerk, stenographer, and typewriter, at \$100 per month.	516.66	
Lumpkin, Alice I.	Clerk, stenographer, and typewriter, at \$1,140.	617.50	
White, Elsie P.	Clerk, stenographer, and typewriter, at \$1,080.	18.00	
Price, Lola C.	Clerk, stenographer, and typewriter, at \$1,020 and \$1,000.	307.00	
Krams, Cortlandt R.	Messenger boy, at \$480.	160.00	
Stacey, Robert H.	Electrician, at \$4 per diem.	120.00	
Walters, Frank K.	do	184.00	
Jenkins, Wm.	Electrician's helper, at \$2 per diem.	30.00	
Ford, John C.	Carpenter, at \$3.50 per diem.	63.00	
Lear, Alex.	do	56.00	
Hauser, Ernest F., jr.	Plumber's helper, at \$2 per diem.	98.00	
Mills, Samuel	do	34.00	
Bell, Jos.	Laborer, at \$1.50 per diem.	9.00	
Barber, Charlie	Unskilled laborer, at \$1.50 per diem.	30.00	
Butler, William	do	30.00	
Byrd, Clifton	do	22.50	
Byrd, Dantel	do	19.50	
Carter, B. S.	do	40.50	
Chandler, James	do	7.50	
Clarke, Richard	do	7.50	
Green, Peter	do	22.50	
Jackson, Lewis	do	9.00	
Meder, Albert	do	28.50	
Minor, Benjamin	do	4.50	
Price, Phillip	do	7.50	
Roberts, Charles C.	do	27.00	
Saunders, John	do	30.00	
Wood, Thomas	do	7.50	
Total		11,583.83	
<i>Out of Washington.</i>			
Speicher, Pius M.	Superintendent of road construction, at \$7 per diem.	385.00	207.81
Winslow, David H.	do	189.00	913.23
Keller, W. S.	Superintendent of road construction, at \$6 per diem.	138.00	134.44
Wells, Herbert C.	do	156.00	140.81
Ward, Walter J.	Superintendent of road construction, at \$5 per diem.	200.00	
Cooley, Geo. W.	Special agent, at \$8 per diem.	48.00	
Hubert, Archer B.	Expert, at \$4 per diem.	56.00	44.87
Callaghan, John.	Unskilled laborer, at \$1.50 per diem.	1.50	
Total		1,233.50	



## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Office of Public Roads, 1910 (road management), \$18,000"—Cont'd.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Rent.</i>		<i>Travel and station and field expenses—Continued.</i>	
Johnson, R. Harrison.....	\$291.66	Keller, W. S.....	\$134.44
Ludlow, W. W., custodian of site.....	500.01	Lewis, Richard A.....	30.15
Total.....	791.67	Martin, R.....	92.00
<i>Travel and station and field expenses.</i>		Moorefield, Chas. H.....	48.15
Block, Edward.....	.80	Page, L. W.....	467.11
Boykin, L. E.....	\$11.19	Pennybacker, J. E.....	362.26
Eldridge, M. O.....	1,254.98	Robey, Edgar R.....	28.13
Hoyt, Chas. H.....	168.40	Speicher, Pius M.....	207.81
Hulbert, Archer B.....	44.87	Ward, Walter J.....	103.40
James, E. W.....	12.58	Wells, Herbert C.....	63.95
		Winslow, D. H.....	33.89
		Total.....	3,864.11

Total amount of appropriation.....\$18,000.00  
 Total expenditures under above groups.....17,473.11

Unexpended balance on Aug. 31, 1910.....526.89  
 Outstanding liabilities (estimated).....469.21

Balance to be turned back in Treasury (estimated).....57.68

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Office of Public Roads, 1910 (investigating road building and  
 maintenance), \$34,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Peirce, V. M.....	Chief engineer, at \$2,500.....	\$2,500.00	\$1,085.79
Wormeley, P. L.....	Testing engineer, at \$1,800.....	75.00	13.50
Ahles, Carl C.....	Highway engineer, at \$1,800.....	450.00	124.56
Anderson, A. P.....	Highway engineer, at \$1,224.....	612.00	.....
Jones, Benj. E.....	Junior highway engineer, at \$960.....	280.00	191.78
Crecelius, W. R.....	Civil engineer student, at \$720.....	360.00	205.71
Eberly, Virgil A.....	do.....	142.00	.....
Lewis, Richard A.....	do.....	180.00	143.46
Wilmot, Sydney.....	do.....	330.00	274.81
Adler, Julius.....	Civil engineer student, at \$50 per month.....	125.00	107.40
Hoyt, Charles H.....	Superintendent of road construction, at \$7 per diem.....	588.00	.....
Wells, Herbert C.....	Superintendent of road construction, at \$6 per diem.....	438.00	.....
Marshall, George D.....	Superintendent of road construction, at \$5 per diem.....	260.00	404.38
Haire, D. G.....	Road expert, at \$4.90 per diem.....	303.80	141.99
Hubbard, Prevost.....	Assistant chemist, at \$2,000.....	166.67	608.90
Reeve, Charles S.....	Assistant chemist, at \$1,600.....	133.34	30.25
Jackson, F. H., jr.....	Laboratory assistant, at \$8.40.....	70.00	.....
Lord, E. C. E.....	Petrographer, at \$1,400.....	116.67	58.75
Chew, Harry I.....	Instrument maker, at \$1,200.....	253.33	.....
Thomas, Chas. R., jr.....	Scientific assistant, at \$70 per month.....	70.00	291.87
Coyne, Mary G.....	Clerk, at \$75 per month.....	112.50	.....
MacCallen, Lucile E.....	do.....	225.00	.....
Cross, John C.....	Carpenter, at \$3.50 per diem.....	31.50	.....
Watson, S. M.....	Laborer, at \$60.....	165.00	.....
Total.....		7,987.81	.....

## OFFICE OF PUBLIC ROADS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Office of Public Roads, 1910 (investigating road building and maintenance), \$34,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Heidel, Benj. F.	Highway engineer, at \$1,400.	\$1,400.00	\$632.55
Anderson, Andrew P.	Highway engineer, at \$1,224.	275.40	
Voshell, James T.	Assistant highway engineer, at \$1,200.	1,200.00	635.37
Toms, Raymond E.	Junior highway engineer, at \$1,080.	192.00	191.17
Barrows, Lucius D.	Junior highway engineer, at \$960.	706.65	374.81
Pervien, Richard	Junior highway engineer, at \$840.	420.00	366.77
Crecelius, Walter R.	Civil engineer student, at \$720.	350.00	
Wilmot, Sydney	do.	240.00	
Sherwood, Carl C.	Civil engineer student, at \$600, and junior highway engineer, at \$960.	840.00	249.61
Winslow, D. H.	Superintendent of road construction, at \$7 per diem.	1,120.00	
Cooley, George L.	Superintendent of road construction, at \$6 per diem.	1,884.00	392.60
McClure, Fay	Superintendent of road construction, at \$5 per diem.	1,470.00	211.88
Marshall, George D.	do.	940.00	
Dodge, J. H.	Road expert, at \$4.90 per diem, and superintendent, at \$5 per diem.	1,304.70	691.46
Haire, D. G.	Road expert, at \$4.90 per diem.	720.30	
Harrison, Chas. T.	do.	1,597.40	340.28
Thomas, C. R., Jr.	Scientific assistant, at \$70 per month.	434.00	
Total		15,094.45	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Express.</i>	
Technical Supply Co.	\$27.60	Adams Express Co.	10.33
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
American Screen & Furniture Co.	172.75	Bausch & Lomb Optical Co.	30
Burton & Sons, R. C. M.	9.88	Bishop & Co. Platinum Works, J.	27.22
Church, W. A. H.	8.07	Eastman Kodak Co.	4.80
Contingent expenses, Department of Agriculture.	124.02	Pullman, E. J.	29.76
Espey, John B.	16.06	Schmidt, Fred A.	50.32
Harris & Shafer Co.	1.25	Shoemaker & Busch.	1.20
Jones Co., H. Clay	8.00	Total	113.60
Lambie Co. (Inc.), Jas. B.	7.78	<i>Travel and station and field expenses.</i>	
Lansburgh & Bro.	2.10	Adler, Julius	107.40
Murphy & Co. (Inc.), E. J.	3.61	Ahles, C. C.	124.56
Muth & Co., Geo. F.	.95	Anderson, A. P.	220.00
Rivet, Lathe Manufacturing Co.	2.41	Barrows, Lucius D.	374.81
Standard Engineering Co.	14.50	Cooley, George L.	392.60
Underwood Typewriter Co.	3.15	Crecelius, W. R.	205.71
Total	374.53	Dodge, J. H.	691.46
<i>Furniture.</i>		Eberly, Virgil A.	60.60
Derby Desk Co.	27.00	Fleming, Harry C.	30.45
Gimbel, Ellis A.	6.49	Haire, D. G.	141.99
Moses & Sons, W. B.	182.03	Harrison, Chas. T.	340.28
Yawman & Erbe Manufacturing Co.	44.50	Heidel, Benj. F.	632.55
Total	260.02	Hoyt, Chas. H.	107.50
		Jones, Benj. E.	181.00
		McClure, Fay.	211.88

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Office of Public Roads, 1910 (investigating road building and  
 maintenance), \$34,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Marshall, Geo. D.....	\$404.38	Voshell, Jas. T.....	\$635.37
Pelree, Vernon M.....	1,085.79	Wells, Herbert C.....	1.65
Perwein, R.....	207.61	Wilmot, Sydney.....	274.81
Sherwood, Carl C.....	249.61	Winslow, D. H.....	468.05
Thomas, C. R., jr.....	291.87		
Toms, Raymond E.....	101.27	Total.....	7,543.80

Total amount of appropriation..... \$34,000.00  
 Total expenditures under above groups..... 31,412.19

Unexpended balance on Aug. 31, 1910..... 2,587.81  
 Repayments to credit of appropriation..... 2.10

Net unexpended balance..... 2,589.91  
 Outstanding liabilities (estimated)..... 2,575.41

Balance to be turned back in Treasury (estimated)..... 14.50

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation  
 "General expenses, Office of Public Roads, 1910 (road material), \$25,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cushman, A. S.....	Assistant director, at \$3,000.....	\$2,575.00	\$131.20
Wormeley, P. L.....	Testing engineer, at \$1,800.....	1,650.00	154.34
Fleming, Harry C.....	Civil engineer student, at \$720.....	314.00	
Lewis, Richard A.....	do.....	230.00	
Hoyt, Chas. H.....	Superintendent of road construction, at \$7 per diem.....	1,162.00	
Hubbard, Prevost.....	Chemist, at \$1,800, and assistant chemist, at \$2,000.....	1,700.00	
Reeve, Chas. S.....	Assistant chemist, at \$1,600.....	1,066.66	
Jackson, F. H., jr.....	Laboratory apprentice, at \$840.....	770.00	
Thornton, Joseph A.....	Laboratory helper, at \$600.....	6.67	
Lord, E. C. E.....	Petrographer, at \$1,400.....	1,283.33	
Chew, Harry I.....	Instrument maker, at \$1,200.....	900.00	
Coyne, Mary G.....	Clerk, stenographer, and typewriter, at \$75 per month.....	75.00	
McCallen, Lucille F.....	do.....	115.00	
Watson, S. M.....	Unskilled laborer, at \$600.....	495.00	
Holder, Herbert.....	Unskilled laborer, at \$50 per month.....	21.67	
Johnson, French.....	Unskilled laborer, at \$1.50 per diem.....	33.00	
Total.....		12,397.33	
<i>Out of Washington.</i>			
de Geofroy, Geo.....	Special agent, at \$7 per diem.....	35.00	
Eberly, Virgil A.....	Civil engineer student, at \$720.....	28.00	
Fleming, Harry C.....	do.....	300.00	
Lewis, Richard A.....	do.....	300.00	
Martin, R.....	Junior highway engineer, at \$1,080.....	540.00	
Wilmot, James.....	Junior highway engineer, at \$960.....	960.00	324.70
Eldridge, J. H.....	Assistant in road material laboratory, at \$4.40 per diem.....	1,113.20	176.13
Total.....		3,276.20	



## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Office of Public Roads, 1910 (road material), \$25,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture—Continued.</i>	
Ballantyne, R. Carter.....	\$6.26	Typewriter & Office Supply Co.....	\$44.00
Clarke Co., R. P.....	1.05	Woodward & Lothrop.....	28.96
Kalamazoo Loose Leaf Binder Co.....	10.40	Total.....	287.90
Lamb & Tilden.....	.50		
Total.....	18.21	<i>Freight.</i>	
<i>Miscellaneous supplies, etc.</i>		Knox Express Co., Geo. W.....	31.10
Albany Hardware & Iron Co.....	6.00	Lehigh Valley R. R. Co.....	300.62
Alberene Stone Co.....	725.00	Merchants Transfer & Storage Co.....	50.00
American Screen & Furniture Co.....	48.00	Pennsylvania R. R. Co.....	2.84
Britting, F. C.....	4.75	Total.....	384.56
Burton & Sons, R. C. M.....	107.80	<i>Express.</i>	
Capital Traction Co.....	15.00	Adams Express Co.....	311.46
Chesapeake Supply Co.....	44.55	United States Express Co.....	47.78
Contingent expenses, Department of		Total.....	359.24
Agriculture.....	125.17	<i>Apparatus, instruments, and laboratory</i>	
DuPerow, M.....	67.38	<i>material.</i>	
Ellis Company, The.....	26.25	Bausch & Lomb Optical Co.....	65.86
Espey, John B.....	3.69	Columbia Photo Supply Co.....	12.89
Fairbanks Co.....	168.06	Eastman Kodak Co.....	7.80
General Electric Co.....	329.42	Elmer & Amend.....	24.80
Harris & Shafer Co.....	1.60	Gilman, Z. D.....	13.25
Kann Sons & Co., S.....	119.68	Gurley, W. & L. E.....	345.10
Kellogg Switchboard & Supply Co.....	8.72	Mackall Bros.....	3.89
Lambie & Co., Jas. B. (Inc.).....	17.36	Mallinckrodt Chemical Co.....	3.15
Lutz & Co.....	8.50	Owen & Son, Thos. J.....	267.27
Manhattan Electrical Supply Co.....	93.89	Pullman, E. J.....	124.50
Monarch Typewriter Co.....	80.00	Schmidt, O. H.....	8.00
Moore Co.....	40.00	Sussman Photo Stock Co., J.....	3.60
Munson Belting Co., Chas.....	7.49	Thomas Co., A. H.....	7.28
Murphy & Co., E. J. (Inc.).....	8.04	Total.....	887.39
Murray Bros.....	22.50	<i>Travel and station and field expenses.</i>	
Muth & Co., Geo. F.....	66.65	Carroll, Louis W.....	.85
National Electrical Supply Co.....	187.40	Cushman, A. S.....	131.20
Potomac Electric Power Co.....	4.50	Eldridge, J. H.....	176.13
Roebling's Sons Co., John A.....	187.03	Fleming, Harry C.....	123.89
Schwiers & Sutton Co.....	17.58	Hoyt, Chas. H.....	523.26
Sierra, Jesus A.....	1.00	Hubbard, Prevost.....	608.90
Taylor, Dorothy.....	45.00	Lewis, Richard A.....	113.31
Turner, Elinore.....	2.25	Lord, E. C. E.....	58.75
Underwood Typewriter Co.....	30.00	Martin, R.....	174.15
Western Electric Co.....	24.00	Page, L. W.....	107.60
Weston Electrical Instrument Co.....	3.75	Reeve, C. S.....	30.25
Woodford, H.....	18.00	Wilmot, J.....	324.70
Woodward & Lothrop.....	7.52	Wormeley, P. L.....	13.50
Total.....	2,673.53	Total.....	2,386.49
<i>Furniture.</i>			
Derby Desk Co.....	106.00		
Gimbel Bros.....	26.59		
Moses & Sons, W. B.....	82.35		

Total amount of appropriation.....\$25,000.00  
 Total expenditures under above groups.....22,670.85

Unexpended balance on Aug. 31, 1910.....2,329.15  
 Outstanding liabilities (estimated).....2,312.34

Balance to be turned back in Treasury (estimated).....16.81

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Office of Public Roads, 1910 (Reports of Investigations), \$23,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Anderson, Andrew P.....	Highway engineer, at \$1,224.....	\$102.00	
Jones, Benj. E.....	Junior highway engineer, at \$960.....	16.00	
Pervien, Richard.....	Junior highway engineer, at \$840.....	35.00	
Hoyt, Charles H.....	Superintendent of road construction, at \$7 per diem.	182.00	
Wells, Herbert C.....	Superintendent of road construction, at \$6 per diem.	306.00	
Draper, Clifton N.....	Assistant chemist, at \$1,400.....	101.11	
Block, Edward.....	Photographer, at \$1,000.....	261.11	
Brown, F. H.....	Photographer, at \$900.....	262.50	\$438.80
Sniffin, William W.....	Junior clerk, at \$1,320.....	880.00	
Krams, Cortlandt K.....	Messenger boy, at \$480.....	320.00	
Total.....		2,465.72	
<i>Out of Washington.</i>			
Martin, R.....	Junior highway engineer, at \$1,080.....	450.00	
Toms, Raymond E.....	do.....	180.00	
Jones, Benj. E.....	Junior highway engineer, at \$960.....	640.00	
Pervien, Richard.....	Junior highway engineer, at \$840.....	245.00	
Spoon, W. L.....	Superintendent of road construction, at \$7 per diem.	161.00	157.48
Winslow, D. H.....	do.....	805.00	
Wells, Herbert C.....	Superintendent of road construction, at \$6 per diem.	462.00	
Total.....		2,943.00	

## EXPENDITURES OTHER THAN FOR SALARIES.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.....	\$2.40	Berman, M.....	\$7.00
Andrews Paper Co., R. P.....	141.34	Beseler Co., Charles.....	.90
Ballantyne, R. Carter.....	71.29	Boston Gear Works.....	10.71
Contingent expenses, Department of Agriculture.....	578.00	Boyle-Robertson Construction Co.....	30.00
Kalamazoo Loose Leaf Binder Co.....	4.20	Brown & Sharpe Manufacturing Co.....	12.03
Lamb & Tilden.....	5.56	Bureau of Engraving and Printing.....	150.00
Library Bureau.....	52.08	Capital Traction Co.....	45.00
Lindemeyer, Philip.....	12.75	Carroll Electric Co.....	6.16
Morrison Paper Co., E.....	13.00	Cash, Frank L.....	5.25
Proudfit Loose Leaf Co.....	23.00	Catlin Co., Elmer H.....	31.50
Roberts Co., W. F. (Inc.).....	.75	Champion Silk Co.....	.98
Schmidt, Fred A.....	113.07	Chrystal, Chas. B.....	15.25
Stott & Co., Chas. G.....	1.00	Church, W. A. H.....	24.72
Tower, D. A.....	2.52	Clarke Co., R. P.....	9.55
Union Envelope Co.....	34.48	Collins, J. Ross.....	74.63
United States Envelope Co.....	214.38	Contingent expenses, Department of Agriculture.....	134.01
Valley Paper Co.....	91.00	Crandall Packing Co.....	1.21
Washington Loose Leaf Co.....	37.25	Crosby Steam Gauge & Valve Co.....	8.00
Yawman & Erbe Manufacturing Co.....	55.99	Dennison Manufacturing Co.....	9.00
Total.....	1,454.06	Detroit Publishing Co.....	18.80
<i>Miscellaneous supplies, etc.</i>		Dulin & Martin Co.....	1.15
Addressograph Co.....	1.80	Ennis & Son, Geo. T.....	.63
Alberene Stone Co.....	16.20	Espey, John B.....	27.67
American Multigraph Sales Co.....	30.40	Exold Manufacturing Co.....	2.00
Barber & Ross.....	84.62	Fairbanks Co.....	60.91
Bedell Manufacturing Co.....	4.32	Farnham, Marie H.....	2.50
Berger & Sons, C. L.....	4.68	Francis & Co.....	100.00
		Fries, Beall & Sharp Co.....	1.20
		Grose, Estella.....	17.10
		Grove Lime & Coal Co.....	3.00

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Office of Public Roads, 1910 (Reports of Investigations), \$23,000"—Continued.

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Hagy Waste Works, J. Milton.....	\$37.50	Caton & Son, James O.....	\$12.00
Hartig, Louis.....	13.55	Derby Desk Co.....	97.00
Heiskell, jr., & Co., P. H.....	.77	Gimbel, Ellis A.....	50.52
Hills, Caroline M.....	6.25	Lansburgh Fur. & Optical Co., J.....	1.00
Holladay Studio (Inc.).....	7.50	Library Bureau.....	87.15
Houck, S. D.....	3.00	Moses & Sons, W. B.....	521.33
Howard Manufacturing Co., H. J. M.....	3.00	Shaw-Walker Co.....	28.93
Howard & Morse.....	54.45	Typewriter & Office Supply Co.....	44.00
Kellogg Switchboard & Supply Co.....	23.22	Woodward & Lothrop.....	30.47
Killian Co., Geo. P.....	8.30	Yawman & Erbe Manufacturing Co.....	59.00
Kritsch, Chas. E.....	1.75	Total.....	931.40
Lambie Co. (Inc.), Jas. B.....	61.57	<i>Freight.</i>	
Lansburgh & Bro.....	3.15	Caton & Sons, James O.....	10.00
Link Belt Co.....	7.50	Lehigh Valley R. R. Co.....	347.42
Mason Regulator Co.....	27.60	Pennsylvania R. R. Co.....	2.89
Mathy Co.....	8.35	Total.....	360.31
Miller & Graham.....	2.65	<i>Telegraph.</i>	
Monarch Typewriter Co.....	109.70	Postal Telegraph-Cable Co.....	20.31
Murphy & Co. (Inc.), E. J.....	13.78	Western Union Telegraph Co.....	147.17
Muth & Co., Geo. F.....	19.79	Total.....	167.48
National Electrical Supply Co.....	10.33	<i>Telephone.</i>	
National Mortar Co.....	2.50	The Chesapeake & Potomac Telephone	
National Tube Co.....	15.00	Co.....	59.77
Navy Department.....	86.34	<i>Rent.</i>	
Nawrath, J. P.....	4.80	Dierkoph, Geo. H. & Helen.....	666.66
North Star Ash Can Co.....	6.70	Ludlow, W. W., custodian of site.....	666.66
O'Donnell, James.....	2.25	Total.....	1,333.32
O. K. Tool Holder Co.....	12.75	<i>Apparatus, instruments, and laboratory</i>	
Ottawa Silica Co.....	16.80	<i>material.</i>	
Paschal, Lois.....	40.00	Bausch & Lomb Optical Co.....	188.71
Pratt & Whitney Co.....	5.70	Becker, Christian.....	93.75
Rau, William H.....	31.57	Bishop & Co. Platinum Works, J.....	91.98
Reclamation Service.....	47.00	Burke & James.....	6.80
Reilly, Hugh.....	10.49	Columbia Photo Supply Co.....	144.83
Remington Typewriter Co.....	81.30	Eastman Kodak Co.....	466.71
Robbin & Myers Co.....	52.50	Eimer & Amend.....	408.08
Rudolph & West Co.....	23.51	Feldt & Co., Geo. D.....	5.00
Seamark, Harry F.....	8.50	Flemer, Lewis.....	38.54
Shelby Electric Co.....	2.00	Gilman, Z. D.....	91.04
Sherwin-Williams Co.....	.90	Greiner Co., Emil.....	4.93
Sierra, Jesus A.....	3.94	Gurley, W. & L. E.....	518.55
Smith, Thos. W.....	4.60	Leese, M. A.....	118.27
Smoot, L. E.....	3.30	Lewis, J. L.....	23.75
Spooner & Wells (Inc.).....	51.00	Luthin, R. H.....	10.30
Standard Engineering Co.....	2,700.50	McAllister Co., T. H.....	8.80
Starrett Co., L. S.....	5.75	McKee Surgical Instrument Co.....	1.60
Stein, E.....	35.00	Mackall Bros.....	67.54
Stokes, Will H.....	5.50	Merck & Co.....	10.00
Taylor, Dorothy.....	180.00	Murray, Fred G.....	45.50
Thompson, C. W.....	23.38	Muth Bros. & Co.....	41.83
Topham, James S.....	2.25	Pullman, E. J.....	318.79
Turner, Elinore.....	4.00	Schloer, F. H.....	4.00
Typewriter & Office Supply Co.....	104.50	Schmidt, Fred A.....	98.45
Underwood Typewriter Co.....	215.58	Sheets, W. Silas.....	8.25
Universal Supply Co.....	1.04	Shoemaker & Busch.....	9.84
Veitch, R. A.....	7.00	Sussman Photo Stock Co. J.....	26.36
Waddell & Co., R. J.....	7.83	Taylor, Dorothy.....	33.75
Washington Post Co.....	5.85		
Washington Times.....	6.75		
Washington Wood Working Co.....	.75		
Weston Electrical Instrument Co.....	7.81		
Wheeler, De Witt C., (Inc.).....	38.40		
Whyte, Warren M.....	42.00		
Williams, Brown & Earle.....	57.65		
Wood, Jasper.....	.60		
Woodward & Lothrop.....	51.57		
Zappone, Mrs. C. R.....	8.00		
Zappone, Mrs. S. A.....	59.00		
Total.....	5,459.95		



## OFFICE OF PUBLIC ROADS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1910, under appropriation "General expenses, Office of Public Roads, 1910 (Reports of Investigations), \$23,000"—Continued.*

## EXPENDITURES OTHER THAN FOR SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Thomas Co., A. H. ....	\$109.98	Martin, R. ....	\$100.38
Whitall, Tatum Co. ....	17.09	Perwein, R. ....	159.16
Williams, Brown & Earle. ....	17.75	Spoon, W. L. ....	157.48
Total. ....	3,030.77	Toms, Raymond E. ....	89.90
<i>Travel and station and field expenses.</i>		Wells, Herbert C. ....	75.21
Brown, Fred H. ....	438.80	Winslow, D. H. ....	411.29
Jones, Benj. E. ....	10.78	Total. ....	1,443.00

Total amount of appropriation. ....	\$23,000.00
Total expenditures under above groups. ....	19,648.78
Unexpended balance on Aug. 31, 1910. ....	3,351.22
Outstanding liabilities (estimated). ....	1,329.43
Balance to be turned back in Treasury (estimated). ....	21.79

## RECAPITULATION.

Statutory salaries. ....	\$16,425.83
Lump-sum salaries:	
In Washington. ....	34,434.69
Outside of Washington. ....	22,547.15
Stationery. ....	1,499.87
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	8,508.01
Furniture. ....	1,479.32
Freight. ....	744.87
Express. ....	369.62
Telegraph. ....	167.48
Telephone. ....	59.77
Rent. ....	2,124.99
Apparatus, instruments, and laboratory material. ....	4,031.76
Travel and station and field expenses. ....	15,237.40
Total for entire Office of Public Roads. ....	107,630.76
Total amount of appropriations. ....	116,460.00
Total expenditures under above groups. ....	107,630.76
Unexpended balance on Aug. 31, 1910. ....	8,829.24
Repayments to credit of appropriations. ....	2.10
Net unexpended balance. ....	8,831.34
Outstanding liabilities (estimated). ....	8,686.39
Balance to be returned to Treasury (estimated). ....	144.95

## PROJECTS.

The principal projects conducted by the Office of Public Roads during the fiscal year ended June 30, 1910, were as follows with approximate cost in each case; the cost of these projects has also been charged in each case against the group to which it pertains:

1. Object-lesson roads:	
Salaries. ....	\$14,182.79
Travel and other expenses. ....	2,488.05
2. Instruction in highway engineering:	
Salaries. ....	3,304.00
Travel and other expenses. ....	1,062.02
3. Testing road materials:	
Salaries. ....	3,934.99

## OFFICE OF PUBLIC ROADS—Continued.

4. Road management and accounting:	
Salaries.....	\$3, 840. 53
Travel and other expenses.....	88. 17
5. Lectures, addresses, and papers:	
Salaries.....	3, 371. 64
Travel and other expenses.....	4, 312. 99
6. Special inspection and advice:	
Salaries.....	3, 897. 19
Travel and other expenses.....	3, 510. 67
7. Dust prevention and road preservation:	
Salaries.....	5, 242. 80
Travel and other expenses.....	967. 55
8. Standardization of tests:	
Salaries.....	288. 33
9. Introduction of model systems of construction, maintenance, and administration:	
Salaries.....	1, 059. 17
Travel and other expenses.....	278. 85
10. Investigation of road materials in the several States:	
Salaries.....	433. 82
Travel and other expenses.....	543. 94
11. Sand-clay and burnt-clay roads:	
Salaries.....	3, 467. 48
Travel and other expenses.....	723. 06
12. Burnt-clay roads:	
The expenditures for this project included in report for No. 12.	
13. Investigation of slag:	
Salaries.....	841. 94
Travel and other expenses.....	160. 42
14. Cooperation with county newspapers:	
No expenditure under this project for fiscal year 1910.	
15. Corrosion of iron and steel:	
Salaries.....	1, 753. 15
Travel and other expenses.....	96. 80
16. Split-log drag:	
Salaries.....	19. 00
Travel and other expenses.....	2. 90
17. Classification of road materials:	
Salaries.....	700. 00
18. Bibliography on roads:	
No expenditure under this project for fiscal year 1910.	
19. Administration and equipment; including rent of office; field, laboratory, and office equipment; hire of clerks, messengers, laborers, etc., on lump sum in Washington; equipment of new building, conduit; expendable supplies, and contingent expenses for maintenance and operation of offices and laboratories:	
Telephone, telegraph, heating building, hauling rubbish, freight, express, drayage, etc.....	\$1, 720. 43
Connections and conduits for heat, light, power, compressed air, vacuum, etc.....	4, 750. 00
Office equipment, embracing furniture, typewriters, and minor appliances.....	3, 125. 26
Equipment of new building, embracing wiring, floor coverings, window shades, awnings, etc.....	2, 386. 07
Field equipment, embracing transits, levels, rods, cameras, etc.....	1, 989. 37
Laboratory equipment, embracing hoods, benches, machinery, wiring, plumbing, etc.....	6, 662. 77
Expendable supplies.....	5, 010. 63
Hire of clerks, messengers, laborers, etc., on lump sum in Washington.....	5, 774. 01
Rent.....	2, 124. 99
	<hr/>
	33, 543. 53

## OFFICE OF PUBLIC ROADS—Continued.

20. Traction tests:	
Salaries .....	\$302. 94
Travel and other expenses .....	23. 15
21. Inspection of rural-delivery roads:	
Salaries .....	34. 00
Travel and other expenses .....	91. 11
22. Illustrated lecture, photographic, and record work:	
Salaries .....	1, 147. 49
Travel and other expenses .....	438. 80
23. Cooperation with experiment stations:	
No expenditure for this project during fiscal year 1910.	
24. Cooperation with Forest Service:	
No expenditure for this project during fiscal year 1910.	
25. Bridge investigations:	
Salaries .....	341. 00
Travel and other expenses .....	34. 02
26. Bulletins:	
Salaries .....	332. 52
Travel and other expenses .....	187. 36
27. Economic investigations:	
Salaries .....	772. 79
Travel and other expenses .....	587. 07
28. Oil-concrete investigations:	
Salaries .....	612. 48
Travel and other expenses .....	88. 90
29. Surveys:	
Salaries .....	539. 45
Travel and other expenses .....	240. 36
Balance to be turned back in Treasury from lump sum (estimated) .....	110. 78
Total .....	<u>100,000. 00</u>

## Expenditures from statutory roll were made on projects as follows:

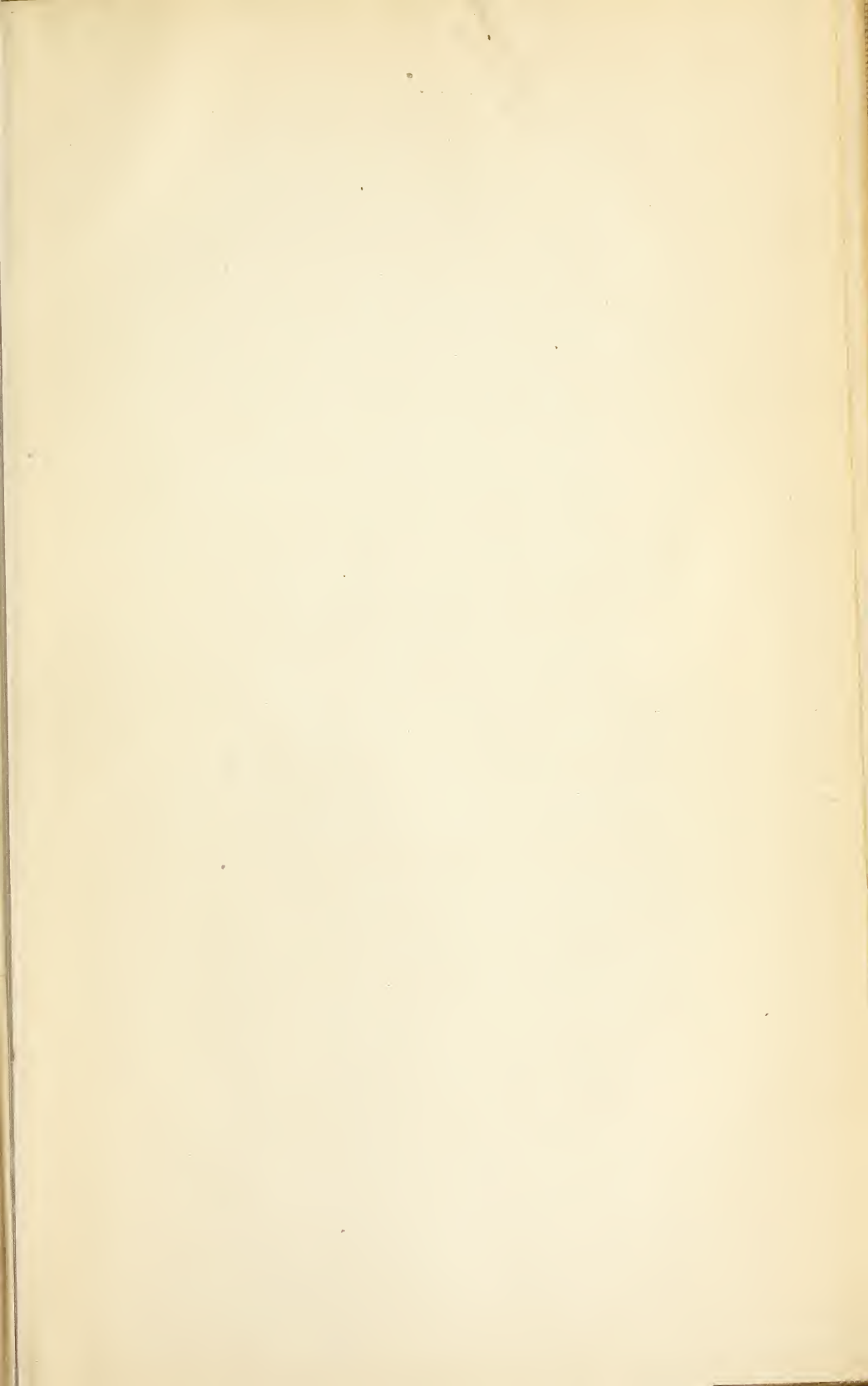
Lectures, addresses, and papers .....	400. 01
Special advice and inspection .....	41. 66
Dust prevention and road preservation .....	241. 66
Standardization of tests .....	100. 00
Testing road materials .....	500. 00
Executive and administrative .....	6, 015. 00
Editorial and library .....	200. 00
Correspondence and files .....	8, 927. 50
Turned back in Treasury because of leave of absence without pay .....	34. 17
	<u>16, 460. 00</u>

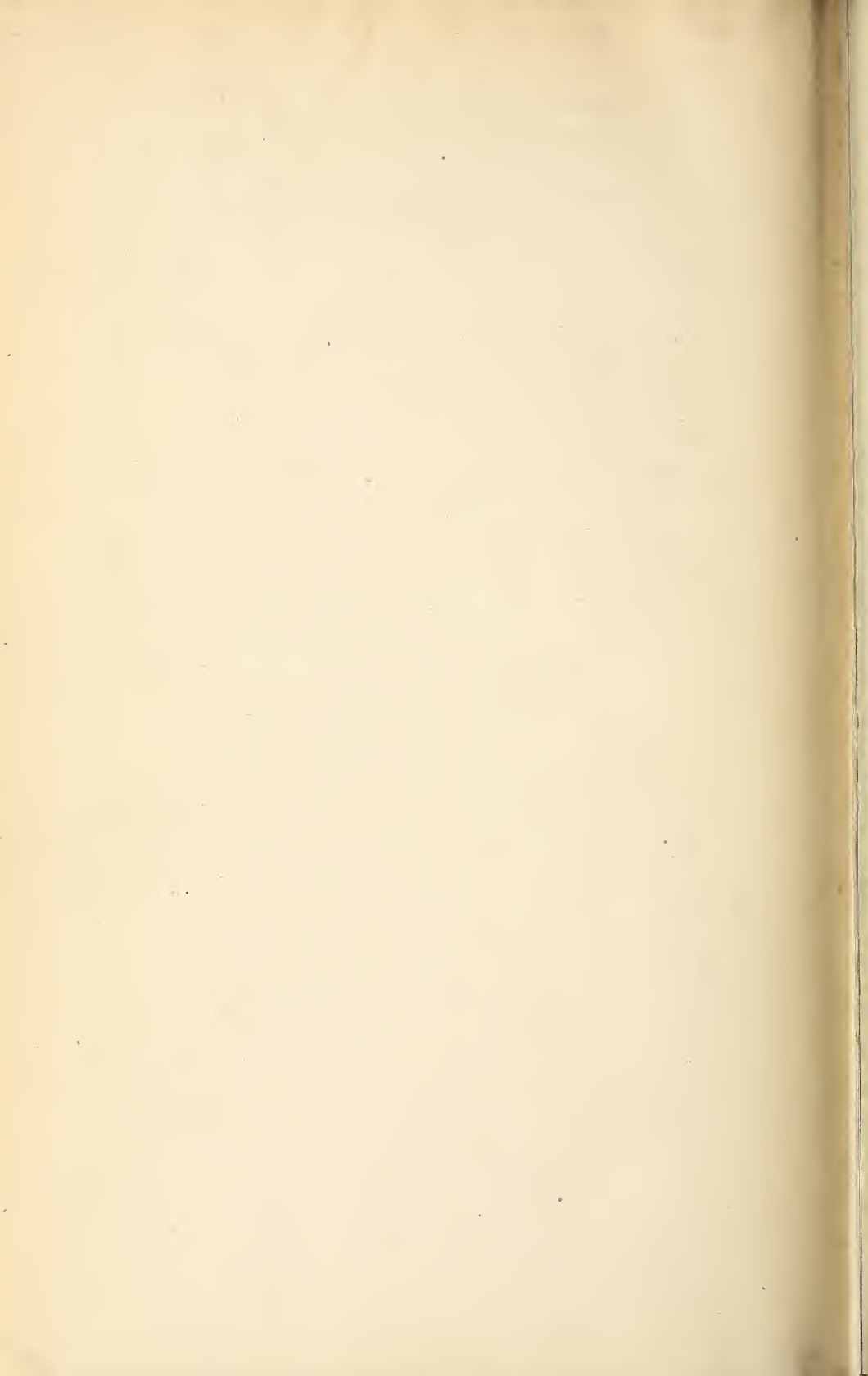
Total appropriation for fiscal year 1910..... 116, 460. 00



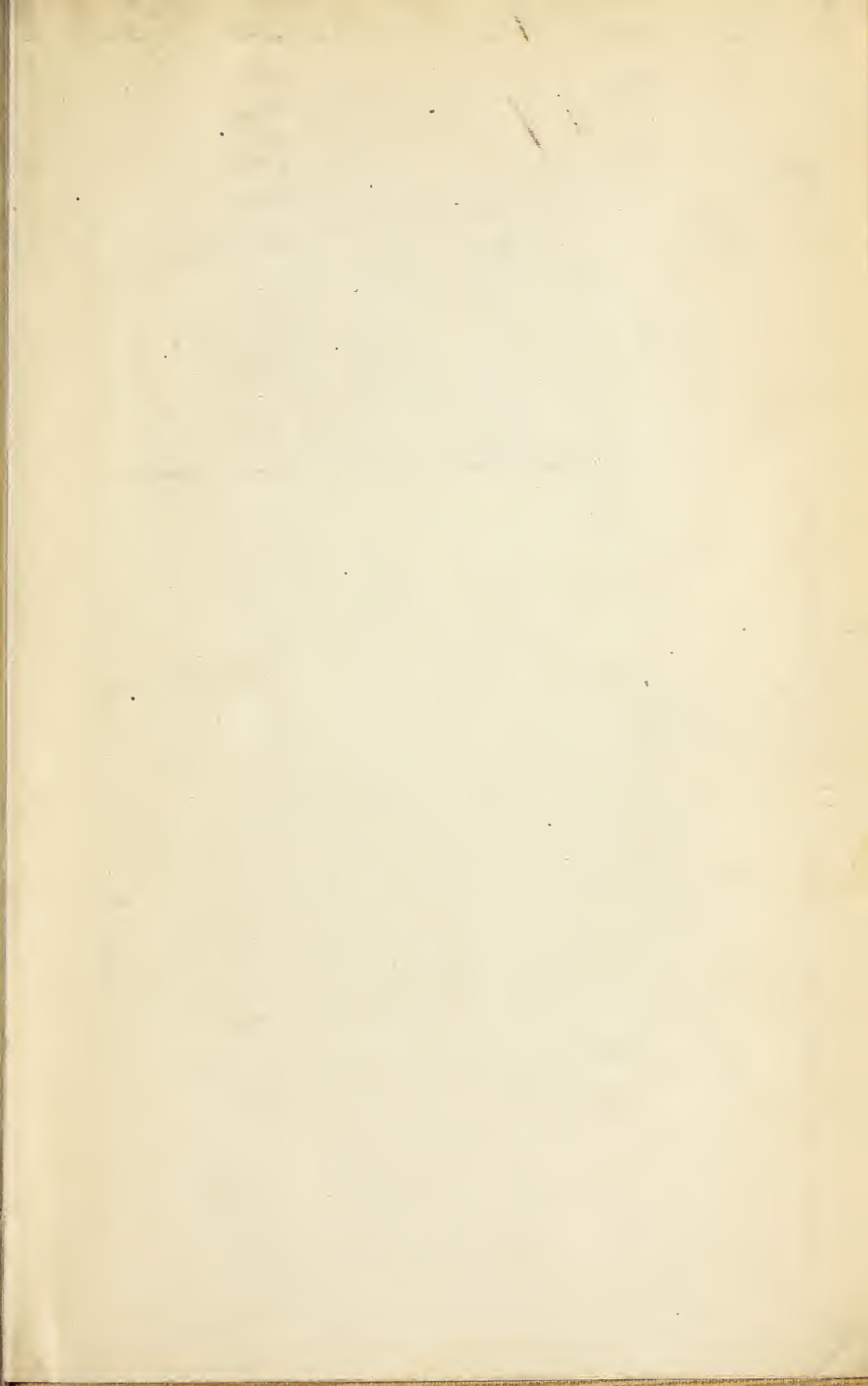
# RECAPITULATION OF THE SEVERAL APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE.

Statutory salaries.....	\$1, 308, 686. 95
Lump-fund salaries—	
In Washington.....	1, 471, 730. 63
Outside of Washington.....	7, 906, 856. 70
Stationery.....	105, 591. 10
Miscellaneous supplies and services, equipment, books, machinery, etc.	1, 947, 549. 27
Furniture.....	80, 407. 37
Fuel.....	30, 165. 02
Freight.....	33, 401. 75
Express.....	14, 004. 99
Telegraph.....	190, 375. 76
Telephone.....	42, 513. 85
Rent.....	268, 028. 18
Gas and electricity.....	25, 096. 65
Apparatus, instruments, and laboratory material.....	129, 347. 64
Printing and binding.....	3, 095. 54
Travel and station and field expenses.....	1, 152, 495. 53
<b>Total .....</b>	<b>14, 709, 346. 93</b>
<b>Total appropriations for Department of Agriculture.....</b>	<b>15, 896, 845. 27</b>
Total expenditures under above groups.....	\$14, 709, 346. 93
Advances to temporary special disbursing agents of the Forest Service.....	70, 712. 00
Forest Service refunds:	
To depositors, excess deposits.....	48, 966. 86
Payments to Uinta Indians.....	1, 113. 47
Payments to States and Territories, 25 per cent of receipts.....	438, 702. 81
<b>Total expenditures of entire Department of Agriculture.....</b>	<b>15, 268, 842. 07</b>
Unexpended balance on Aug. 31, 1910.....	628, 003. 20
Repayments to credit of appropriations.....	40, 756. 94
<b>Net unexpended balance on Aug. 31, 1910.....</b>	<b>668, 760. 14</b>
Of this amount there was available for further disbursement.....	692. 80
<b>Balance.....</b>	<b>668, 067. 34</b>
Outstanding liabilities (estimated).....	312, 051. 81
<b>Balance to be turned back in Treasury (estimated).....</b>	<b>356, 015. 53</b>









1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part outlines the various methods used to collect and analyze data. This includes both qualitative and quantitative approaches, as well as the use of statistical tools to interpret the results.

3. The third part provides a detailed overview of the findings from the study. It highlights the key trends and patterns observed, as well as the implications for future research and practice.

4. The fourth part discusses the limitations of the study and the potential for bias. It also offers suggestions for how these limitations can be addressed in future work.

5. The fifth part concludes the document by summarizing the main points and reiterating the significance of the findings. It also includes a final statement on the importance of ongoing research in this field.